

Converting Colors

YIQ(238.0890, -25.5360,
-10.7840)

Have a look what the booklet for
YIQ(238.0890, -25.5360, -10.7840)
contains.

YIQ(238.0890, -25.5360, -10.7840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(238.0890, -25.5360,
-10.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFCF8
RGB	207, 252, 248
RGB Percent	81%, 99%, 97%
CMY	0.1883, 0.0117, 0.0275
CMYK	0.18, 0.00, 0.02, 0.01
HSL	175°, 88%, 90%
HSV	175°, 18%, 99%
XYZ	77.4801, 89.6698, 102.0109
YIQ	238.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

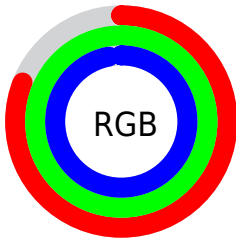
Format	Color
R_{YB}	207, 231, 252
Decimal	13630712
CIE _{Lab}	95.86, -15.08, -2.84
CIE _{LCh}	96, 15.343, 190.664
Yxy	89.6698, 0.2879, 0.3331
Android (android.graphics.Color)	4291820792 (0xFFCFFCF8)
YUV	238.0890, 4.8861, -27.2651
Hunter-Lab	94.6941, -19.6636, 2.4147

Details

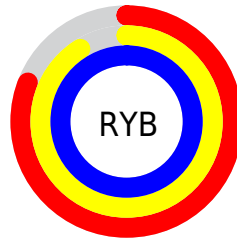
The YIQ color $238.0890, -25.5360, -10.7840$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.9110, 25.5360, 10.7840$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.8010, -24.6650, -10.0490$ is the 20% darker color. If you saturate the color by 10%, you get $230.3860, -39.7940, -16.7060$, and if you desaturate by 10%, it is $245.7920, -11.2780, -4.8620$.

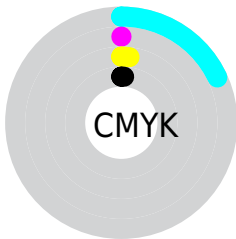
Distribution



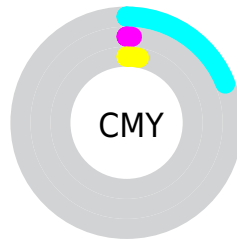
- Red (81%)
- Green (99%)
- Blue (97%)



- Red (81%)
- Yellow (91%)
- Blue (99%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.0890, -25.5360, -10.7840 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 238.0890, -25.5360, -10.7840 by changing the saturation by 10% instead.

■ 238.0890,
-25.5360, -10.7840

■ 238.0890,
-25.5360, -10.7840

255.0000, -0.0000,
-0.0000

■ 209.3880,
-24.9400, -10.5720

■ 181.8010,
-24.6650, -10.0490

■ 154.8010,
-24.6650, -10.0490

■ 128.9860,
-23.7480, -10.1480

■ 103.3990,
-23.4730, -9.6250

■ 78.6980, -22.8770,
-9.4130

■ 55.1000, -24.0690,

-9.8370

■ 31.3170, -26.1780,
-10.1620

■ 17.8840, -14.5330,
-6.4450

■ 238.0890,
-25.5360, -10.7840

■ 238.0890,
-25.5360, -10.7840

■ 230.3860,
-39.7940, -16.7060

■ 245.7920,
-11.2780, -4.8620

■ 222.5690,
-53.7310, -22.9390

■ 253.0110, 1.4670,
0.9470

■ 214.5670,
-68.5850, -29.0730

■ 253.2390, 0.8250,
1.5690

■ 206.8640,
-82.8430, -34.9950

■ 199.1610,
-97.1010, -40.9170

■ 191.3440,
-111.0380, -47.1500

■ 183.6410,
-125.2960, -53.0720

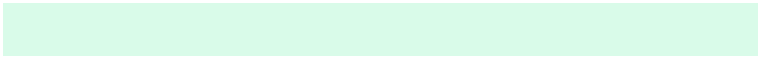
■ 175.6390,
-140.1500, -59.2060

■ 174.0300,
-142.8090, -60.5770

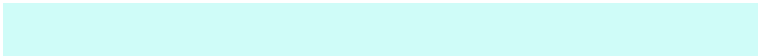
Harmonies

Analogous

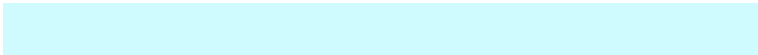
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.7820, -14.4860, -12.8060



238.0890, -25.5360, -10.7840



238.3000, -27.5080, -8.0840

Triad

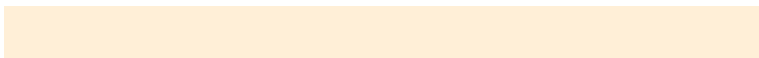
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.0890, -25.5360, -10.7840



244.4230, 3.4830, 8.4670



241.0480, 17.2400, -4.0720

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



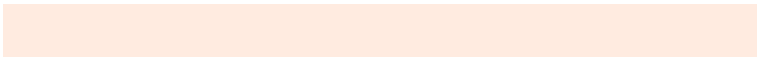
238.0890, -25.5360, -10.7840



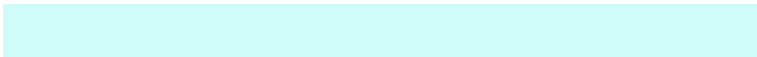
220.9110, 25.5360, 10.7840

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.7260, 15.4510, 0.8190



238.0890, -25.5360, -10.7840



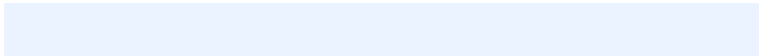
242.4450, 6.4170, 10.3610

Square

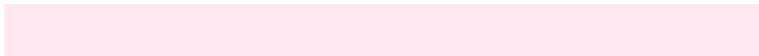
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.0890, -25.5360, -10.7840



241.6770, -9.2160, 1.8240



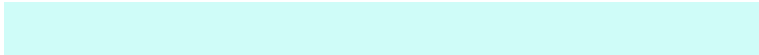
240.1480, 11.5070, 6.2190



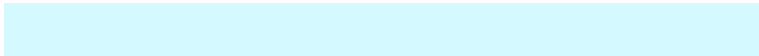
242.3740, 13.2060, -8.0580

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



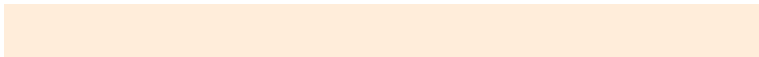
238.0890, -25.5360, -10.7840



238.6210, -23.9780, -5.9780



240.1480, 11.5070, 6.2190



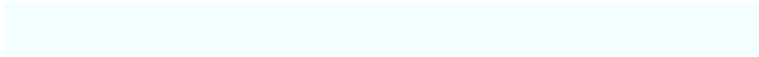
240.2160, 16.8270, -2.0930

Sweetspot

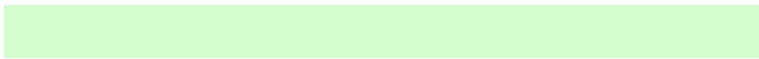
The Sweet Spot groups the original color and five complimentary colors.



238.0890, -25.5360, -10.7840



250.9990, -7.4270, -3.0670



234.6110, -9.9910, -22.6870



125.4940, -4.4470, -2.0070



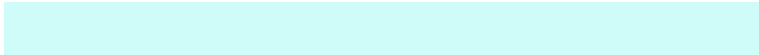
0.0000, 0.0000, 0.0000



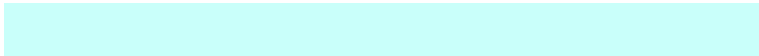
128.0000, -0.0000, -0.0000

Same Dimension

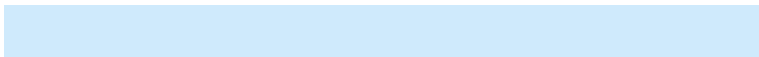
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.0890, -25.5360, -10.7840



238.2840, -30.5790, -13.0030



227.9790, -21.8700, -0.1260



120.9990, -7.4270, -3.0670



130.5510, -107.1870, -45.3550



42.1910, -34.7510, -14.4870

Inverse Universe

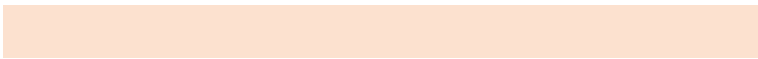
The Inverse Universe completely reimagines the original color for something new.



220.9110, 25.5360, 10.7840



217.7160, 30.5790, 13.0030



231.0210, 21.8700, 0.1260



116.1150, 7.1060, 3.3780



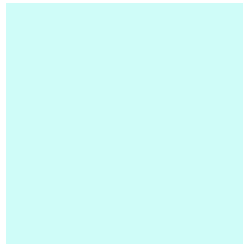
58.4490, 107.1870, 45.3550



18.8090, 34.7510, 14.4870

Previews

White Background



This preview shows how the YIQ color 238.0890, -25.5360, -10.7840 looks on a white background.

Color Contrast Check

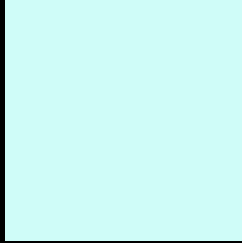
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 238.0890, -25.5360, -10.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

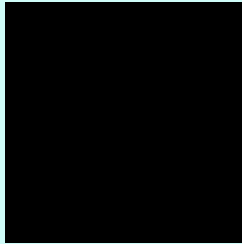
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

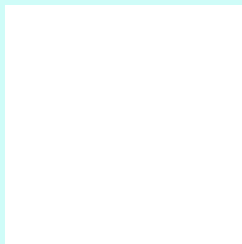
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.0890, -25.5360, -10.7840 Background



This preview shows how black text looks on a background with the YIQ color 238.0890, -25.5360, -10.7840.



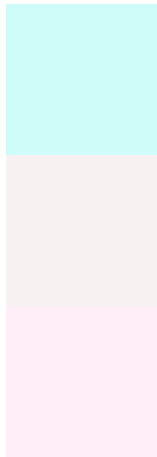
This preview shows how white text looks on a background with the YIQ color 238.0890, -25.5360, -10.7840.

-10.7840.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

238.0890, -25.5360, -10.7840

Protanopia

242.9080, 3.2550, 1.5830

Deuteranopia

244.2230, 6.9220, 6.7140



Tritanopia

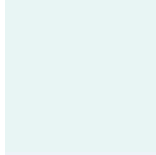
241.3560, -12.7460, -0.2820

Trichromacy



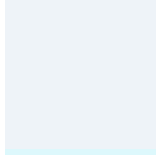
Original Color

238.0890, -25.5360, -10.7840



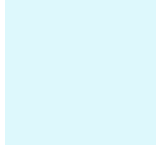
Protanomaly

240.9990, -7.4270, -3.0670



Deuteranomaly

242.0750, -4.5850, 0.4950



Tritanomaly

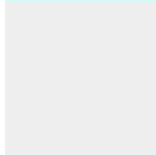
240.3830, -17.3760, -4.4800

Monochromacy



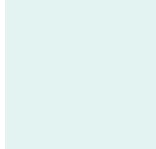
Original Color

238.0890, -25.5360, -10.7840



Achromatopsia

238.0000, -0.0000, 0.0000



Achromatomaly

238.1020, -9.2150, -3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.0890, -25.5360, -10.7840 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 248) }
```

Border

The CSS property to change the border of an element to YIQ 238.0890, -25.5360, -10.7840 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 252, 248) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 252, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(207, 252,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 238.0890, -25.5360, -10.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
252, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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