

Converting Colors

YIQ(238.2560, -33.3760,
-11.8720)

Have a look what the booklet for
YIQ(238.2560, -33.3760, -11.8720)
contains.

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Color

**YIQ(238.2560, -33.3760,
-11.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFFF
RGB	199, 255, 255
RGB Percent	78%, 100%, 100%
CMY	0.2197, 0.0000, 0.0001
CMYK	0.22, 0.00, 0.00, 0.00
HSL	180°, 100%, 89%
HSV	180°, 22%, 100%
XYZ	77.3487, 90.8753, 108.0432
YIQ	238.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

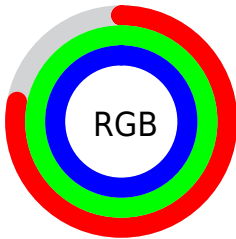
Format	Color
R _Y B	199, 227, 255
Decimal	13107199
CIE Lab	96.36, -17.49, -5.76
CIE LCh	96, 18.418, 198.233
Yxy	90.8753, 0.2800, 0.3289
Android (android.graphics.Color)	4291297279 (0xFFC7FFFF)
YUV	238.2560, 8.2548, -34.4275
Hunter-Lab	95.3285, -21.9916, -0.4680

Details

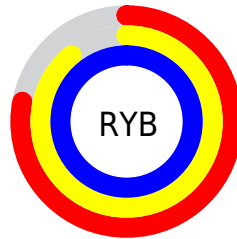
The YIQ color $238.2560, -33.3760, -11.8720$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $215.7440, 33.3760, 11.8720$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.8540, -32.1840, -11.4480$ is the 20% darker color. If you saturate the color by 10%, you get $230.4820, -48.8720, -17.3840$, and if you desaturate by 10%, it is $245.7310, -18.4760, -6.5720$.

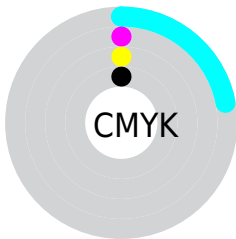
Distribution



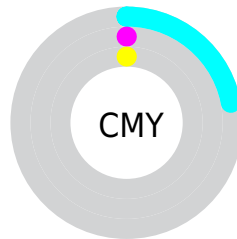
- Red (78%)
- Green (100%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.2560, -33.3760, -11.8720 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 238.2560, -33.3760, -11.8720 by changing the saturation by 10% instead.

■ 238.2560,
-33.3760, -11.8720

■ 238.2560,
-33.3760, -11.8720

255.0000, -0.0000,
-0.0000

■ 209.5550,
-32.7800, -11.6600

■ 181.8540,
-32.1840, -11.4480

■ 154.8540,
-32.1840, -11.4480

■ 128.2670,
-31.9090, -10.9250

■ 102.2670,
-31.9090, -10.9250

■ 77.8540, -32.1840,
-11.4480

■ 51.8750, -36.6770,

-12.6210

■ 33.0610, -28.3330,
-9.6530

■ 19.5140, -16.3670,
-6.2470

■ 238.2560,
-33.3760, -11.8720

■ 238.2560,
-33.3760, -11.8720

■ 230.4820,
-48.8720, -17.3840

■ 245.7310,
-18.4760, -6.5720

■ 223.0070,
-63.7720, -22.6840

■ 253.5050, -2.9800,
-1.0600

■ 215.2330,
-79.2680, -28.1960

■ 255.0000, -0.0000,
-0.0000

■ 207.7580,
-94.1680, -33.4960

■ 199.9840,
-109.6640, -39.0080

■ 192.5090,
-124.5640, -44.3080

■ 184.7350,
-140.0600, -49.8200

■ 178.7550,
-151.9800, -54.0600

Harmonies

Analogous

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



239.1940, -21.6380, -15.3500



238.2560, -33.3760, -11.8720



237.9790, -31.0380, -10.1900

Triad

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



238.2560, -33.3760, -11.8720



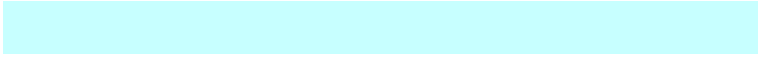
244.4340, 4.9500, 9.4140



241.6520, 18.2950, -6.6730

Complementary

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



238.2560, -33.3760, -11.8720



215.7440, 33.3760, 11.8720

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.



239.7430, 16.7810, -1.2590



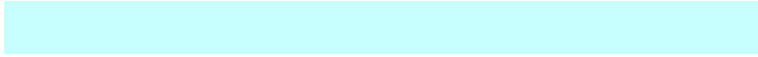
238.2560, -33.3760, -11.8720



241.7440, 7.0130, 10.5730

Square

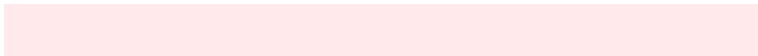
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



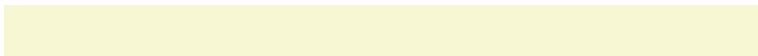
238.2560, -33.3760, -11.8720



242.5850, -5.9610, 3.4070



239.6920, 12.7910, 4.9750



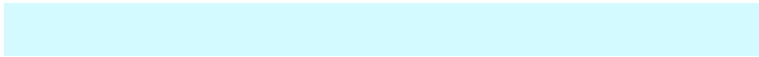
242.8960, 11.5560, -11.1960

Rectangle

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



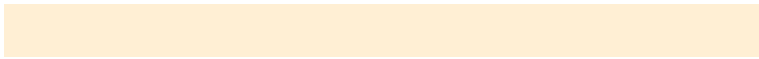
238.2560, -33.3760, -11.8720



238.9090, -24.8490, -6.7130



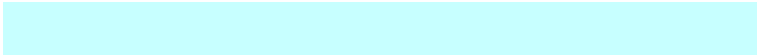
239.6920, 12.7910, 4.9750



240.7060, 18.2030, -5.0050

Sweetspot

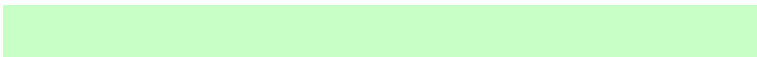
The Sweet Spot groups the original color and five complimentary colors.



238.2560, -33.3760, -11.8720



249.6180, -10.7280, -3.8160



232.1710, -14.8040, -29.0760



124.5970, -6.2350, -2.6430



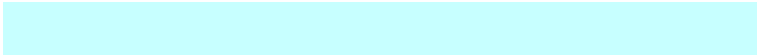
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

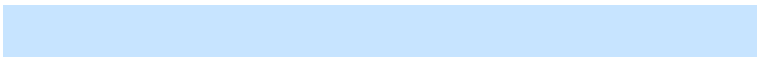
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.2560, -33.3760, -11.8720



235.2660, -39.3360, -13.9920



222.4070, -25.9510, 2.2490



123.9990, -7.4270, -3.0670



133.8910, -113.8360, -40.4920



44.8640, -38.1440, -13.5680

Inverse Universe

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



215.7440, 33.3760, 11.8720



208.7340, 39.3360, 13.9920



231.5930, 25.9510, -2.2490



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 238.2560, -33.3760, -11.8720 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 238.2560, -33.3760, -11.8720 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 238.2560, -33.3760, -11.8720 Background



This preview shows how black text looks on a background with the YIQ color 238.2560, -33.3760, -11.8720.



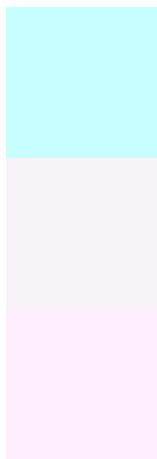
This preview shows how white text looks on a background with the YIQ color 238.2560, -33.3760, -11.8720.

-11.8720.

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

238.2560, -33.3760, -11.8720

Protanopia

244.7660, 0.7790, 2.4030

Deuteranopia

245.4940, 4.7210, 8.0570



Tritanopia

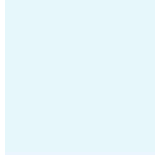
242.8290, -12.7000, -1.1160

Trichromacy



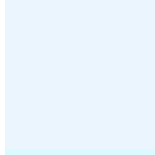
Original Color

238.2560, -33.3760, -11.8720



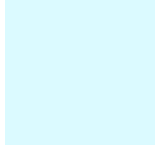
Protanomaly

242.3730, -11.4160, -2.3600



Deuteranomaly

243.0360, -8.8490, 0.6790



Tritanomaly

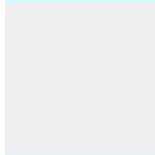
241.3010, -20.0810, -5.0170

Monochromacy



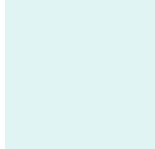
Original Color

238.2560, -33.3760, -11.8720



Achromatopsia

238.0000, -0.0000, 0.0000



Achromatomaly

238.0200, -11.9200, -4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.2560, -33.3760, -11.8720 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(199, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 255)  
}
```

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(199, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 255) }
```

Border

The CSS property to change the border of an element to YIQ 238.2560, -33.3760, -11.8720 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(199, 255, 255) }
```


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

```
.border{ border-color:rgb(199, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(199, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 238.2560, -33.3760, -11.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 255) }
```

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

```
.background{ background-color: rgb(199,  
255, 255) }
```

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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