

Converting Colors

YIQ(212.5020, -25.2610,
-10.2610)

Have a look what the booklet for
YIQ(212.5020, -25.2610, -10.2610)
contains.

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Color

**YIQ(212.5020, -25.2610,
-10.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E2DF
RGB	182, 226, 223
RGB Percent	71%, 89%, 87%
CMY	0.2864, 0.1136, 0.1256
CMYK	0.19, 0.00, 0.01, 0.11
HSL	176°, 43%, 80%
HSV	176°, 19%, 89%
XYZ	59.8023, 69.6709, 80.0903
YIQ	212.5020, -25.2610, -10.2610

Conversions

Conversions Part 2

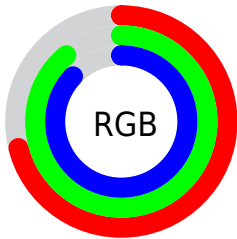
Format	Color
R_{YB}	182, 205, 226
Decimal	11985631
CIE _{Lab}	86.84, -14.81, -3.24
CIE _{LCh}	87, 15.158, 192.328
Yxy	69.6709, 0.2854, 0.3325
Android (android.graphics.Color)	4290175711 (0xFFB6E2DF)
YUV	212.5020, 5.1755, -26.7503
Hunter-Lab	83.4691, -18.1828, 1.5384

Details

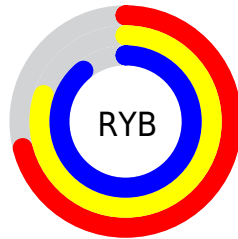
The YIQ color **212.5020, -25.2610, -10.2610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195.4980, 25.2610, 10.2610**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.2160, -9.5360, -3.3920**, and **157.8010, -24.6650, -10.0490** is the 20% darker color. If you saturate the color by 10%, you get **205.3970, -38.3270, -15.7590**, and if you desaturate by 10%, it is **219.6070, -12.1950, -4.7630**.

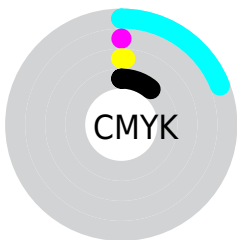
Distribution



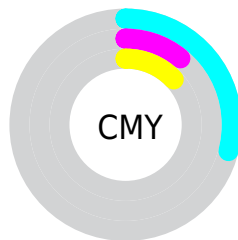
- Red (71%)
- Green (89%)
- Blue (87%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5020, -25.2610, -10.2610 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 212.5020, -25.2610, -10.2610 by changing the saturation by 10% instead.

■ 212.5020,
-25.2610, -10.2610

■ 212.5020,
-25.2610, -10.2610

■ 255.0000, -0.0000,
-0.0000

■ 184.8010,
-24.6650, -10.0490

■ 249.9170,
-10.1320, -3.6040

■ 157.8010,
-24.6650, -10.0490

■ 131.1000,
-24.0690, -9.8370

■ 105.5130,
-23.7940, -9.3140

■ 81.3990, -23.4730,
-9.6250

■ 57.5130, -23.7940,
-9.3140

■ 33.4310, -26.4990,

-9.8510

■ 18.6990, -15.4500,
-6.3460

■ 0.0000, 0.0000,
0.0000

■ 212.5020,
-25.2610, -10.2610

■ 212.5020,
-25.2610, -10.2610

■ 205.3970,
-38.3270, -15.7590

■ 219.6070,
-12.1950, -4.7630

■ 198.7050,
-51.1180, -20.7340

■ 226.2990, 0.5960,
0.2120

■ 191.6000,
-64.1840, -26.2320

■ 233.4040, 13.6620,
5.7100

■ 184.9080,
-76.9750, -31.2070

■ 235.0130, 16.3210,
7.0810

■ 177.8030,
-90.0410, -36.7050

■ 235.2410, 15.6790,
7.7030

■ 170.8120,
-103.4280, -41.8920

■ 235.3550, 15.3580,
8.0140

■ 164.0060,
-115.8980, -47.1780

■ 235.5830, 14.7160,
8.6360

■ 156.9010,
-128.9640, -52.6760

■ 235.6970, 14.3950,
8.9470

■ 156.6020,
-129.5600, -52.8880

■ 235.9250, 13.7530,
9.5690

Harmonies

Analogous

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



212.8960, -14.8070, -12.4950



212.5020, -25.2610, -10.2610



213.3970, -29.1590, -5.6950

Triad

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



212.5020, -25.2610, -10.2610



219.8620, 0.8690, 11.7890



218.1410, 21.4120, -2.5880

Complementary

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



212.5020, -25.2610, -10.2610



195.4980, 25.2610, 10.2610

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.



219.5100, 24.9870, 4.2110



212.5020, -25.2610, -10.2610



220.6200, 13.2940, 12.3820

Square

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



212.5020, -25.2610, -10.2610



218.0990, -13.1600, 7.2240



220.4160, 22.5560, 9.7240



216.1890, 12.2890, -7.9590

Rectangle

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



212.5020, -25.2610, -10.2610



214.7010, -26.9590, -1.5110



220.4160, 22.5560, 9.7240



218.3910, 23.7040, -0.0720

Sweetspot

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



212.5020, -25.2610, -10.2610



250.4010, -8.6190, -3.4910



209.0240, -9.7160, -22.1640



125.1950, -5.0430, -2.2190



0.0000, 0.0000, 0.0000



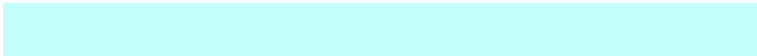
128.0000, -0.0000, -0.0000

Same Dimension

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



212.5020, -25.2610, -10.2610



236.9030, -33.8800, -13.7520



202.2780, -21.2740, 0.0860



108.5970, -6.2350, -2.6430



122.0080, -101.0440, -41.0440



33.3060, -27.6450, -11.1090

Inverse Universe

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



195.4980, 25.2610, 10.2610



214.0970, 33.8800, 13.7520



205.7220, 21.2740, -0.0860



104.4030, 6.2350, 2.6430



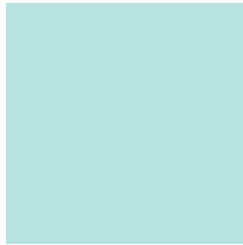
53.9920, 101.0440, 41.0440



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 212.5020, -25.2610, -10.2610 looks on a white background.

Color Contrast Check

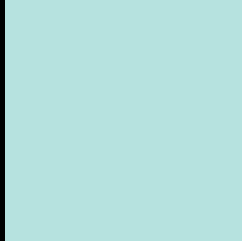
Large Text (above 18pt) WCAG AA × Fail

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 212.5020, -25.2610, -10.2610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

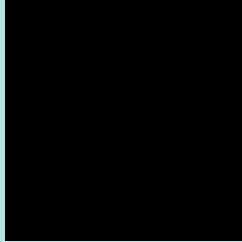
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

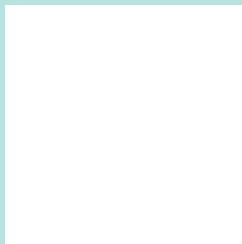
Any Text WCAG AAA ✓ Pass

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

YIQ 212.5020, -25.2610, -10.2610 Background



This preview shows how black text looks on a background with the YIQ color 212.5020, -25.2610, -10.2610.



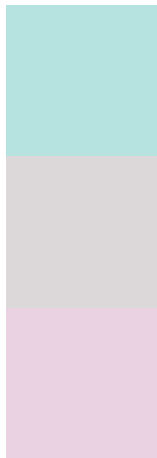
This preview shows how white text looks on a background with the YIQ color 212.5020, -25.2610, -10.2610.

-10.2610.

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

212.5020, -25.2610, -10.2610

Protanopia

217.3100, 2.0630, 1.1590

Deuteranopia

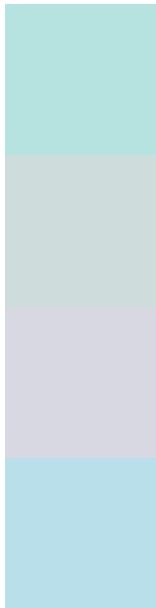
219.0000, 9.1680, 10.0640



Tritanopia

213.9890, -27.8300, -2.2460

Trichromacy



Original Color

212.5020, -25.2610, -10.2610

Protanomaly

215.7000, -8.0230, -3.2790

Deuteranomaly

216.7270, -3.4850, 2.5870

Tritanomaly

213.4790, -26.4540, -5.1580

Monochromacy



Original Color

212.5020, -25.2610, -10.2610

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1020, -9.2150, -3.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5020, -25.2610, -10.2610 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(182, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 223)  
}
```

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(182, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 223) }
```

Border

The CSS property to change the border of an element to YIQ 212.5020, -25.2610, -10.2610 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(182, 226, 223) }
```


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

```
.border{ border-color:rgb(182, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5020, -25.2610, -10.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 223) }
```

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

```
.background{ background-color: rgb(182,  
226, 223) }
```

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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