

Converting Colors

YIQ(212.5150, -18.1080,
-13.2440)

Have a look what the booklet for
YIQ(212.5150, -18.1080, -13.2440)
contains.

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Color

**YIQ(212.5150, -18.1080,
-13.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE2D2
RGB	187, 226, 210
RGB Percent	73%, 89%, 82%
CMY	0.2668, 0.1136, 0.1765
CMYK	0.17, 0.00, 0.07, 0.11
HSL	155°, 40%, 81%
HSV	155°, 17%, 89%
XYZ	59.3189, 69.6155, 71.2736
YIQ	212.5150, -18.1080, -13.2440

Conversions

Conversions Part 2

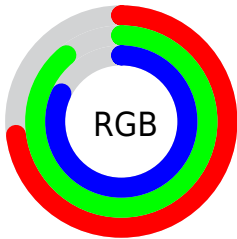
Format	Color
RYB	187, 212, 226
Decimal	12313298
CIELab	86.81, -15.85, 3.60
CIELCh	87, 16.253, 167.201
Yxy	69.6155, 0.2963, 0.3477
Android (android.graphics.Color)	4290503378 (0xFFBBE2D2)
YUV	212.5150, -1.2399, -22.3767
Hunter-Lab	83.4359, -19.1080, 7.7577

Details

The YIQ color **212.5150, -18.1080, -13.2440** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200.4850, 18.1080, 13.2440**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, -6.5560, -2.3320**, and **157.9280, -17.8330, -12.7210** is the 20% darker color. If you saturate the color by 10%, you get **204.6120, -28.9270, -20.9190**, and if you desaturate by 10%, it is **220.4180, -7.2890, -5.5690**.

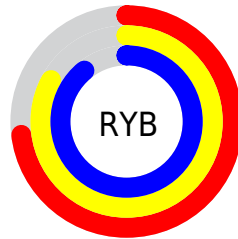
Distribution



Red (73%)

Green (89%)

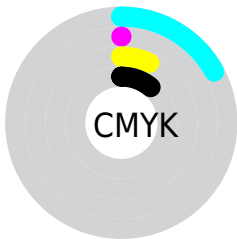
Blue (82%)



Red (73%)

Yellow (83%)

Blue (89%)

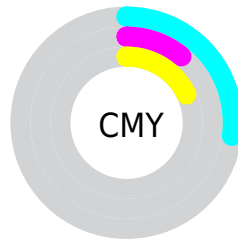


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5150, -18.1080, -13.2440 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 212.5150, -18.1080, -13.2440 by changing the saturation by 10% instead.

■ 212.5150,
-18.1080, -13.2440

■ 212.5150,
-18.1080, -13.2440

■ 255.0000, -0.0000,
-0.0000

■ 184.8140,
-17.5120, -13.0320

■ 251.4120, -7.1520,
-2.5440

■ 157.9280,
-17.8330, -12.7210

■ 131.6400,
-16.9620, -11.9860

■ 105.9390,
-16.3660, -11.7740

■ 81.9390, -16.3660,
-11.7740

■ 58.3520, -16.0910,
-11.2510

■ 35.5800, -16.7330,

-10.6290

■ 17.5590, -12.2400,
-9.4560

■ 0.0000, 0.0000,
0.0000

■ 212.5150,
-18.1080, -13.2440

■ 212.5150,
-18.1080, -13.2440

■ 204.6120,
-28.9270, -20.9190

■ 220.4180, -7.2890,
-5.5690

■ 196.8940,
-38.8290, -28.6930

■ 228.1360, 2.6130,
2.2050

■ 188.9910,
-49.6480, -36.3680

■ 236.0390, 13.4320,
9.8800

■ 181.3870,
-59.8710, -43.8310

■ 237.0650, 10.5430,
12.6790

■ 173.4840,
-70.6900, -51.5060

■ 237.9770, 7.9750,
15.1670

■ 165.4670,
-81.1880, -59.4920

■ 157.8630,
-91.4110, -66.9550

■ 149.9600,
-102.2300, -74.6300

■ 147.8240,
-104.8430, -76.8350

Harmonies

Analogous

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



213.9420, -3.2530, -12.6370



212.5150, -18.1080, -13.2440



211.6480, -28.6080, -10.1760

Triad

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



212.5150, -18.1080, -13.2440



218.3380, -12.3350, 8.7930



219.3530, 26.8670, 3.1790

Complementary

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



212.5150, -18.1080, -13.2440



200.4850, 18.1080, 13.2440

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.



220.0850, 24.9860, 9.7380



212.5150, -18.1080, -13.2440



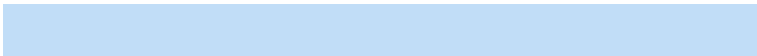
220.0580, 3.2530, 12.6370

Square

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



212.5150, -18.1080, -13.2440



215.5920, -25.0340, 2.1500



220.4140, 16.8700, 13.6540



217.6140, 21.4580, -3.4220

Rectangle

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



212.5150, -18.1080, -13.2440



212.0870, -31.2220, -6.8540



220.4140, 16.8700, 13.6540



219.2330, 27.3250, 5.8930

Sweetspot

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



212.5150, -18.1080, -13.2440



250.5430, -6.1430, -4.3110



214.6770, -1.1890, -17.0050



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



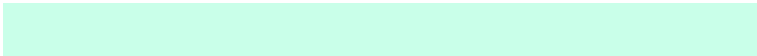
128.0000, -0.0000, -0.0000

Same Dimension

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



212.5150, -18.1080, -13.2440



236.3460, -25.1220, -18.2900



212.5780, -22.4190, -6.6990



108.2550, -5.2720, -3.5760



115.1680, -81.7840, -59.7040



31.4820, -22.5090, -16.0850

Inverse Universe

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



200.4850, 18.1080, 13.2440



219.6540, 25.1220, 18.2900



200.4220, 22.4190, 6.6990



104.8590, 4.9510, 3.8870



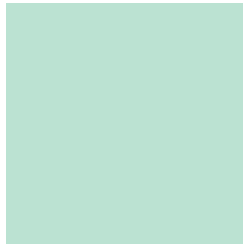
60.8320, 81.7840, 59.7040



16.6320, 22.1880, 16.3960

Previews

White Background



This preview shows how the YIQ color 212.5150, -18.1080, -13.2440 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 212.5150, -18.1080, -13.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

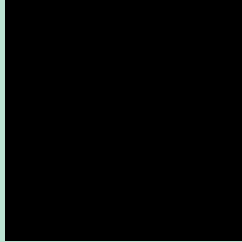
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

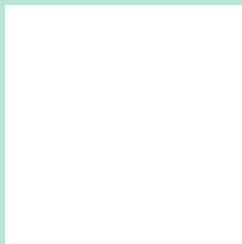
Any Text WCAG AAA ✓ Pass

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

YIQ 212.5150, -18.1080, -13.2440 Background



This preview shows how black text looks on a background with the YIQ color 212.5150, -18.1080, -13.2440.



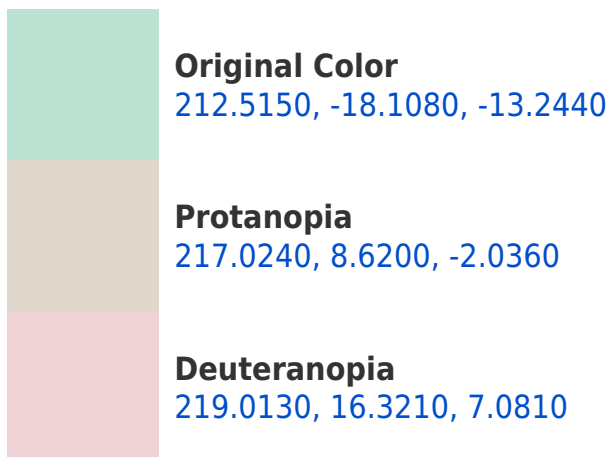
This preview shows how white text looks on a background with the YIQ color 212.5150, -18.1080, -13.2440.

-13.2440.

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

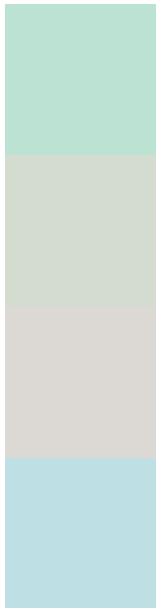




Tritanopia

214.9680, -23.3370, -1.0730

Trichromacy



Original Color

212.5150, -18.1080, -13.2440

Protanomaly

215.7130, -0.8700, -6.2620

Deuteranomaly

216.7400, 3.6680, -0.3960

Tritanomaly

213.7030, -21.2730, -5.4410

Monochromacy



Original Color

212.5150, -18.1080, -13.2440

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1300, -6.4180, -4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5150, -18.1080, -13.2440 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(187, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(187, 226, 210)  
}
```

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(187, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 226, 210) }
```

Border

The CSS property to change the border of an element to YIQ 212.5150, -18.1080, -13.2440 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(187, 226, 210) }
```


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

```
.border{ border-color:rgb(187, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(187, 226,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5150, -18.1080, -13.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 226, 210) }
```

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

```
.background{ background-color: rgb(187,  
226, 210) }
```

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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