

Converting Colors

YIQ(206.0410, -16.4130,
-5.4130)

Have a look what the booklet for
YIQ(206.0410, -16.4130, -5.4130)
contains.

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Color

**YIQ(206.0410, -16.4130,
-5.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD6D7
RGB	187, 214, 215
RGB Percent	73%, 84%, 84%
CMY	0.2667, 0.1607, 0.1569
CMYK	0.13, 0.00, 0.00, 0.16
HSL	182°, 26%, 79%
HSV	182°, 13%, 84%
XYZ	56.8026, 63.5671, 73.5545
YIQ	206.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

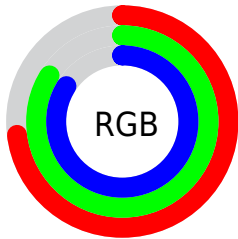
Format	Color
RYB	187, 201, 215
Decimal	12310231
CIELab	83.74, -8.75, -3.52
CIELCh	84, 9.436, 201.919
Yxy	63.5671, 0.2929, 0.3278
Android (android.graphics.Color)	4290500311 (0xFFBBD6D7)
YUV	206.0410, 4.4168, -16.6990
Hunter-Lab	79.7290, -12.3541, 1.1119

Details

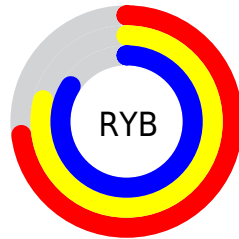
The YIQ color $206.0410, -16.4130, -5.4130$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.9590, 16.4130, 5.4130$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, -7.1520, -2.5440$, and $151.6390, -15.2210, -4.9890$ is the 20% darker color. If you saturate the color by 10%, you get $198.8760, -29.2500, -9.5540$, and if you desaturate by 10%, it is $212.9070, -4.1720, -1.4840$.

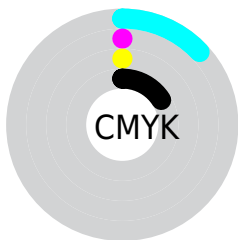
Distribution



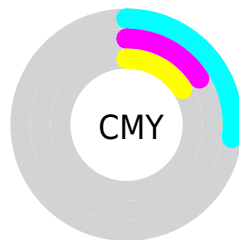
- Red (73%)
- Green (84%)
- Blue (84%)



- Red (73%)
- Yellow (79%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.0410, -16.4130, -5.4130 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 206.0410, -16.4130, -5.4130 by changing the saturation by 10% instead.

■ 206.0410,
-16.4130, -5.4130

■ 206.0410,
-16.4130, -5.4130

■ 255.0000, -0.0000,
-0.0000

■ 178.3400,
-15.8170, -5.2010

■ 251.4120, -7.1520,
-2.5440

■ 151.3400,
-15.8170, -5.2010

■ 125.6390,
-15.2210, -4.9890

■ 100.6390,
-15.2210, -4.9890

■ 76.9380, -14.6250,
-4.7770

■ 53.2370, -14.0290,
-4.5650

■ 31.9380, -14.6250,

-4.7770

■ 13.3190, -11.3240,
-4.0280

■ 0.0000, 0.0000,
0.0000

■ 206.0410,
-16.4130, -5.4130

■ 206.0410,
-16.4130, -5.4130

■ 198.8760,
-29.2500, -9.5540

■ 212.9070, -4.1720,
-1.4840

■ 192.5970,
-41.7660, -14.0060

■ 220.0720, 8.6650,
2.6570

■ 185.4320,
-54.6030, -18.1470

■ 226.3510, 21.1810,
7.1090

■ 178.5660,
-66.8440, -22.0760

■ 228.1340, 23.2900,
7.4340

■ 171.4010,
-79.6810, -26.2170

■ 228.7210, 23.0150,
6.9110

■ 165.1220,
-92.1970, -30.6690

■ 229.3080, 22.7400,
6.3880

■ 157.9570,
-105.0340, -34.8100

■ 229.8950, 22.4650,
5.8650

■ 151.0910,
-117.2750, -38.7390

■ 230.4820, 22.1900,
5.3420

■ 146.6060,
-126.2150, -41.9190

Harmonies

Analogous

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



206.2110, -11.1400, -7.3640



206.0410, -16.4130, -5.4130



206.8500, -17.1930, -2.2890

Triad

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



206.0410, -16.4130, -5.4130



210.5970, 2.9330, 7.4210



208.7640, 12.2880, -2.4320

Complementary

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



206.0410, -16.4130, -5.4130



195.9590, 16.4130, 5.4130

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.



210.1390, 15.7260, 1.3420



206.0410, -16.4130, -5.4130



210.7890, 11.1400, 7.3640

Square

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



206.0410, -16.4130, -5.4130



209.3510, -5.1820, 5.8100



210.3610, 15.2210, 4.9890



207.6490, 5.1820, -5.8100

Rectangle

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



206.0410, -16.4130, -5.4130



207.5130, -14.6260, 0.7500



210.3610, 15.2210, 4.9890



209.1880, 14.0300, -0.9620

Sweetspot

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



206.0410, -16.4130, -5.4130



252.0100, -5.9600, -2.1200



203.5500, -8.0210, -14.3330



125.3200, -3.8970, -0.9610



0.0000, 0.0000, 0.0000



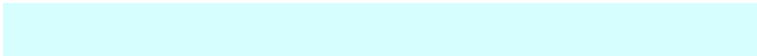
128.0000, -0.0000, -0.0000

Same Dimension

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



206.0410, -16.4130, -5.4130



242.1540, -24.1610, -8.1690



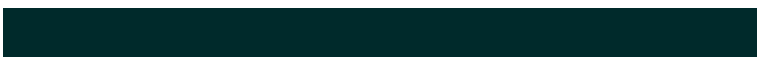
197.8230, -12.5630, 1.9090



103.7110, -6.5560, -2.3320



116.3490, -100.2660, -33.1140



29.5560, -25.3530, -8.5930

Inverse Universe

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



198.4500, 8.0210, 14.3330



230.8190, 11.5960, 21.1320



204.1770, 12.5630, -1.9090



100.5430, 3.0250, 5.7530



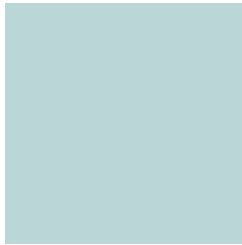
69.9390, 48.9510, 87.5670



17.6450, 12.1460, 22.1780

Previews

White Background



This preview shows how the YIQ color 206.0410, -16.4130, -5.4130 looks on a white background.

Color Contrast Check

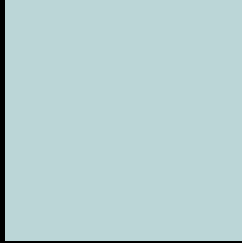
Large Text (above 18pt) WCAG AA × Fail

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 206.0410, -16.4130, -5.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

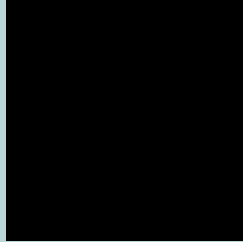
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

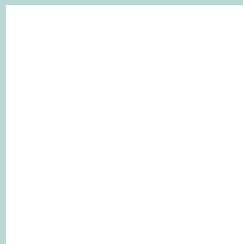
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.0410, -16.4130, -5.4130

Background



This preview shows how black text looks on a background with the YIQ color 206.0410, -16.4130, -5.4130.



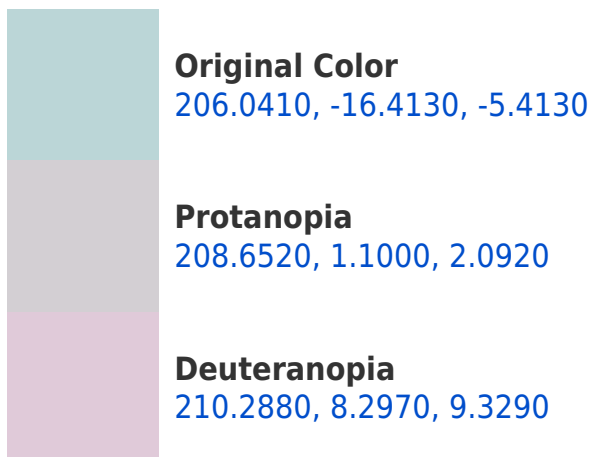
This preview shows how white text looks on a background with the YIQ color 206.0410, -16.4130, -5.4130.

-5.4130.

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

207.0610, -19.1650, 0.4110

Trichromacy



Original Color

206.0410, -16.4130, -5.4130

Protanomaly

207.8360, -5.4100, -1.0740

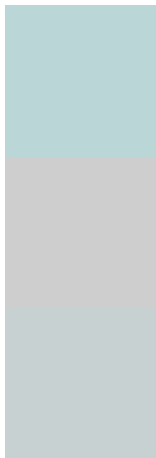
Deuteranomaly

208.6350, -0.2300, 4.1700

Tritanomaly

206.7790, -18.4310, -1.8790

Monochromacy



Original Color

206.0410, -16.4130, -5.4130

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0100, -5.9600, -2.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.0410, -16.4130, -5.4130 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, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(187, 214, 215)  
}
```

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, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 214, 215) }
```

Border

The CSS property to change the border of an element to YIQ 206.0410, -16.4130, -5.4130 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, 214, 215) }
```


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

```
.border{ border-color:rgb(187, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(187, 214,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 206.0410, -16.4130, -5.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 214, 215) }
```

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

```
.background{ background-color: rgb(187,  
214, 215) }
```

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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