

Converting Colors

YIQ(196.5230, -3.3910,
-10.1350)

Have a look what the booklet for
YIQ(196.5230, -3.3910, -10.1350)
contains.

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Color

**YIQ(196.5230, -3.3910,
-10.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCCB7
RGB	187, 204, 183
RGB Percent	73%, 80%, 72%
CMY	0.2667, 0.2000, 0.2823
CMYK	0.08, 0.00, 0.10, 0.20
HSL	109°, 17%, 76%
HSV	109°, 10%, 80%
XYZ	50.6320, 57.1711, 53.1667
YIQ	196.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

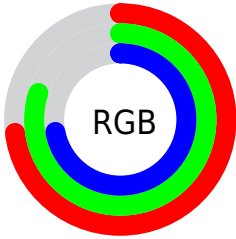
Format	Color
RYB	183, 204, 200
Decimal	12307639
CIELab	80.28, -9.66, 8.50
CIELCh	80, 12.869, 138.652
Yxy	57.1711, 0.3145, 0.3552
Android (android.graphics.Color)	4290497719 (0xFFBCCB7)
YUV	196.5230, -6.6668, -8.3517
Hunter-Lab	75.6116, -12.7907, 11.2380

Details

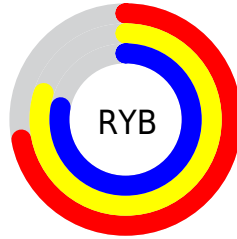
The YIQ color $196.5230, -3.3910, -10.1350$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $190.4770, 3.3910, 10.1350$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.5880, -2.0160, -7.5200$, and $142.9360, -3.1160, -9.6120$ is the 20% darker color. If you saturate the color by 10%, you get $189.1600, -7.1030, -19.9590$, and if you desaturate by 10%, it is $203.8860, 0.3210, -0.3110$.

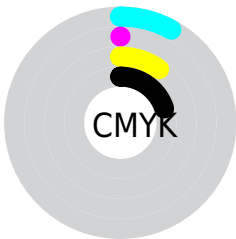
Distribution



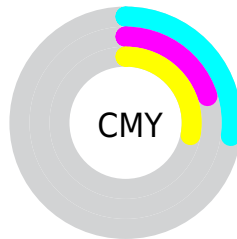
- Red (73%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.5230, -3.3910, -10.1350 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 196.5230, -3.3910, -10.1350 by changing the saturation by 10% instead.

■ 196.5230, -3.3910,
-10.1350

■ 196.5230, -3.3910,
-10.1350

255.0000, -0.0000,
-0.0000

■ 169.5230, -3.3910,
-10.1350

■ 249.5880, -2.0160,
-7.5200

■ 142.9360, -3.1160,
-9.6120

■ 117.0500, -3.4370,
-9.3010

■ 92.4630, -3.1620,
-8.7780

■ 68.8760, -2.8870,
-8.2550

■ 46.8760, -2.8870,
-8.2550

■ 25.5880, -2.0160,

-7.5200

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 196.5230, -3.3910,
-10.1350

■ 196.5230, -3.3910,
-10.1350

■ 189.1600, -7.1030,
-19.9590

■ 203.8860, 0.3210,
-0.3110

■ 181.9820, -9.8980,
-29.8820

■ 211.0640, 3.1160,
9.6120

■ 174.6190,
-13.6100, -39.7060

■ 218.4270, 6.8280,
19.4360

■ 167.4410,
-16.4050, -49.6290

■ 224.4650, 12.8330,
26.2490

■ 160.0780,
-20.1170, -59.4530

■ 225.0630, 14.0250,
26.6730

■ 153.0140,
-23.2330, -69.0650

■ 145.5370,
-26.6240, -79.2000

■ 138.4730,
-29.7400, -88.8120

■ 131.4090,
-32.8560, -98.4240

Harmonies

Analogous

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



198.1500, 8.0250, -7.7750



196.5230, -3.3910, -10.1350



195.3630, -14.6240, -10.3040

Triad

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



196.5230, -3.3910, -10.1350



198.0010, -18.9360, 1.7680



201.2800, 19.9430, 7.5190

Complementary

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



196.5230, -3.3910, -10.1350



190.4770, 3.3910, 10.1350

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.



201.4520, 13.7070, 10.4030



196.5230, -3.3910, -10.1350



200.1380, -8.8960, 7.0400

Square

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



196.5230, -3.3910, -10.1350



196.2020, -24.1160, -3.4760



201.1780, 2.7950, 9.9230



200.4170, 20.8150, 2.7270

Rectangle

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



196.5230, -3.3910, -10.1350



194.7800, -20.1720, -8.8760



201.1780, 2.7950, 9.9230



201.7360, 18.6590, 8.7630

Sweetspot

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



196.5230, -3.3910, -10.1350



252.2940, -1.0080, -3.7600



199.2580, 7.8410, -4.4390



125.8210, -1.0540, -2.9260



0.0000, 0.0000, 0.0000



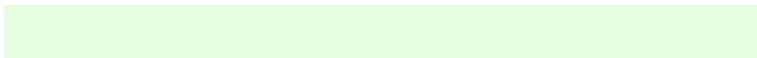
128.0000, -0.0000, -0.0000

Same Dimension

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



196.5230, -3.3910, -10.1350



243.9910, -4.9490, -14.9410



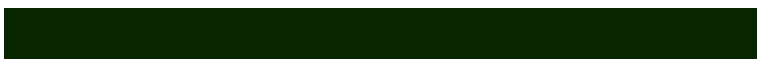
196.0110, -7.7010, -9.1170



98.4680, -1.5580, -4.8060



106.7110, -27.1740, -80.2460



24.3990, -6.2780, -18.3900

Inverse Universe

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



190.4770, 3.3910, 10.1350



235.0090, 4.9490, 14.9410



190.9890, 7.7010, 9.1170



95.5320, 1.5580, 4.8060



58.9900, 26.5780, 80.0340



13.6010, 6.2780, 18.3900

Previews

White Background



This preview shows how the YIQ color 196.5230, -3.3910, -10.1350 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 196.5230, -3.3910, -10.1350 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 196.5230, -3.3910, -10.1350

Background



This preview shows how black text looks on a background with the YIQ color 196.5230, -3.3910, -10.1350.



This preview shows how white text looks on a background with the YIQ color 196.5230, -3.3910,

-10.1350.

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

196.5230, -3.3910, -10.1350

Protanopia

198.6390, 11.1420, -3.6900

Deuteranopia

200.4710, 20.7230, 4.3950



Tritanopia

198.7310, -9.3080, 3.4920

Trichromacy



Original Color

196.5230, -3.3910, -10.1350

Protanomaly

197.8340, 6.0990, -5.9090

Deuteranomaly

198.8180, 12.1960, -0.7640

Tritanomaly

197.9390, -7.1980, -1.7100

Monochromacy



Original Color

196.5230, -3.3910, -10.1350

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.5230, -3.3910, -10.1350 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, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(187, 204, 183)  
}
```

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, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 204, 183) }
```

Border

The CSS property to change the border of an element to YIQ 196.5230, -3.3910, -10.1350 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, 204, 183) }
```


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

```
.border{ border-color:rgb(187, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 204, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 204, 183); box-shadow:4px 4px 4px 4px rgb(187, 204, 183) }
```

Background

The CSS property to change the background color of an element to YIQ 196.5230, -3.3910, -10.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 204, 183) }
```

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

```
.background{ background-color: rgb(187,  
204, 183) }
```

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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