

Converting Colors

YIQ(196.4330, -2.4770, 6.3470)

Have a look what the booklet for
YIQ(196.4330, -2.4770, 6.3470)
contains.

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Color

**YIQ(196.4330, -2.4770,
6.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C1D2
RGB	198, 193, 210
RGB Percent	78%, 76%, 82%
CMY	0.2235, 0.2431, 0.1765
CMYK	0.06, 0.08, 0.00, 0.18
HSL	258°, 16%, 79%
HSV	258°, 8%, 82%
XYZ	53.9919, 54.7984, 68.7004
YIQ	196.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

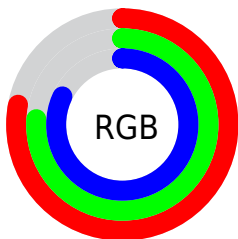
Format	Color
R _Y B	198, 193, 210
Decimal	13025746
CIE Lab	78.93, 4.94, -7.88
CIE LCh	79, 9.294, 302.075
Yxy	54.7984, 0.3042, 0.3087
Android (android.graphics.Color)	4291215826 (0xFFC6C1D2)
YUV	196.4330, 6.6885, 1.3743
Hunter-Lab	74.0260, 0.6460, -3.2064

Details

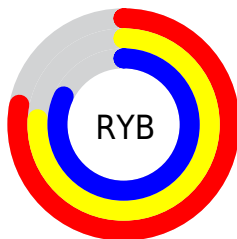
The YIQ color $196.4330, -2.4770, 6.3470$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.5670, 2.4770, -6.3470$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4780, 1.6500, 3.1380$, and $143.0200, -2.7520, 5.8240$ is the 20% darker color. If you saturate the color by 10%, you get $179.6210, -5.6420, 14.1500$, and if you desaturate by 10%, it is $213.2450, 0.6880, -1.4560$.

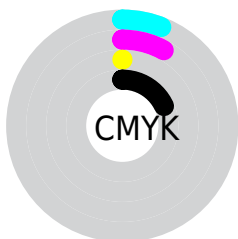
Distribution



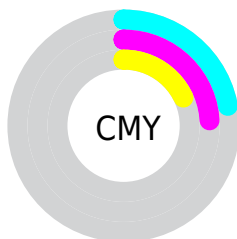
- Red (78%)
- Green (76%)
- Blue (82%)



- Red (78%)
- Yellow (76%)
- Blue (82%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.4330, -2.4770, 6.3470 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 196.4330, -2.4770, 6.3470 by changing the saturation by 10% instead.

■ 196.4330, -2.4770,
6.3470

■ 196.4330, -2.4770,
6.3470

■ 255.0000, -0.0000,
-0.0000

■ 169.3190, -2.1560,
6.0360

■ 251.4780, 1.6500,
3.1380

■ 143.0200, -2.7520,
5.8240

■ 117.3190, -2.1560,
6.0360

■ 92.7920, -2.1100,
5.2020

■ 68.7920, -2.1100,
5.2020

■ 46.6780, -1.7890,
4.8910

■ 26.2650, -2.0640,

4.3680

■ 1.5960, -4.4940,
4.3540

■ 0.0000, 0.0000,
0.0000

■ 196.4330, -2.4770,
6.3470

■ 196.4330, -2.4770,
6.3470

■ 179.6210, -5.6420,
14.1500

■ 213.2450, 0.6880,
-1.4560

■ 162.8090, -8.8070,
21.9530

■ 230.0570, 3.8530,
-9.2590

■ 146.2960,
-11.3760, 29.9680

■ 245.9830, 6.6970,
-16.7510

■ 129.4840,
-14.5410, 37.7710

■ 249.8700, 14.4450,
-13.9950

■ 112.6720,
-17.7060, 45.5740

■ 95.8600, -20.8710,
53.3770

■ 79.0480, -24.0360,
61.1800

■ 62.2360, -27.2010,
68.9830

■ 45.7230, -29.7700,
76.9980

Harmonies

Analogous

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



195.1330, -10.5000, 3.0680



196.4330, -2.4770, 6.3470



197.2660, 5.3630, 7.4350

Triad

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



196.4330, -2.4770, 6.3470



196.0140, 14.5800, 0.0840



192.9550, -13.2950, -6.8550

Complementary

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



196.4330, -2.4770, 6.3470



206.5670, 2.4770, -6.3470

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.



193.4350, -5.9590, -7.6470



196.4330, -2.4770, 6.3470



195.1550, 9.6290, -3.8030

Square

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



196.4330, -2.4770, 6.3470



196.8340, 15.2670, 4.1550



194.2680, 1.8810, -6.5590



192.6820, -16.7800, -4.2680

Rectangle

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



196.4330, -2.4770, 6.3470



197.4900, 10.5440, 7.1520



194.2680, 1.8810, -6.5590



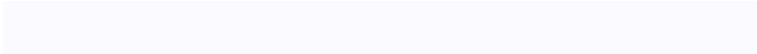
192.6240, -10.8650, -6.8410

Sweetspot

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



196.4330, -2.4770, 6.3470



250.8690, -1.0090, 1.7670



201.9820, -8.7570, -0.9890



125.6410, -0.3670, 1.1450



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.



196.4330, -2.4770, 6.3470



234.9430, -3.8530, 9.2590



198.8250, 2.2910, 8.0430



96.1510, -1.7430, 4.0570



34.1020, -24.1280, 62.8480



8.2620, -6.0090, 15.2950

Inverse Universe

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



199.4510, 6.2800, 7.3360



239.4130, 9.4430, 10.5870



204.1750, -2.2910, -8.0430



98.0870, 4.3090, 4.5090



63.7980, 61.9290, 72.6250



15.5650, 15.1270, 17.7110

Previews

White Background



This preview shows how the YIQ color 196.4330, -2.4770, 6.3470 looks on a white background.

Color Contrast Check

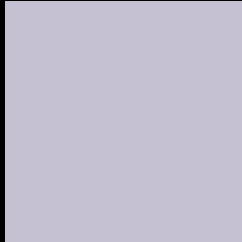
Large Text (above 18pt) WCAG AA × Fail

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 196.4330, -2.4770, 6.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

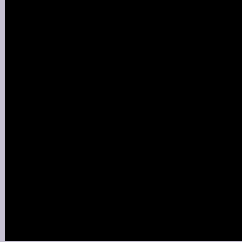
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4330, -2.4770, 6.3470

Background



This preview shows how black text looks on a background with the YIQ color 196.4330, -2.4770, 6.3470.



This preview shows how white text looks on a background with the YIQ color 196.4330, -2.4770,

6.3470.

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

196.4330, -2.4770, 6.3470

Protanopia

195.9380, -5.4570, 5.2870

Deuteranopia

197.4770, 3.3910, 10.1350



Tritanopia

196.2050, -1.8350, 5.7250

Trichromacy



Original Color

196.4330, -2.4770, 6.3470

Protanomaly

196.2370, -4.8610, 5.4990

Deuteranomaly

197.1670, 1.3280, 8.9760

Tritanomaly

196.3190, -2.1560, 6.0360

Monochromacy



Original Color

196.4330, -2.4770, 6.3470

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.2820, -0.7340, 2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4330, -2.4770, 6.3470 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(198, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 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(198, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 210) }
```

Border

The CSS property to change the border of an element to YIQ 196.4330, -2.4770, 6.3470 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(198, 193, 210) }
```


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

```
.border{ border-color:rgb(198, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4330, -2.4770, 6.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 210) }
```

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

```
.background{ background-color: rgb(198,  
193, 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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