

Converting Colors

YIQ(196.1560, -0.1390, 8.0290)

Have a look what the booklet for
YIQ(196.1560, -0.1390, 8.0290)
contains.

YIQ(196.1560, -0.1390, 8.0290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(196.1560, -0.1390,
8.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	C9BFD2
RGB	201, 191, 210
RGB Percent	79%, 75%, 82%
CMY	0.2117, 0.2510, 0.1765
CMYK	0.04, 0.09, 0.00, 0.18
HSL	272°, 17%, 79%
HSV	272°, 9%, 82%
XYZ	54.3521, 54.3315, 68.5926
YIQ	196.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

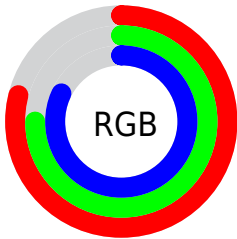
Format	Color
R_{YB}	201, 191, 210
Decimal	13221842
CIE _{Lab}	78.65, 7.02, -8.25
CIE _{LCh}	79, 10.834, 310.388
Yxy	54.3315, 0.3066, 0.3065
Android (android.graphics.Color)	4291411922 (0xFFC9BFD2)
YUV	196.1560, 6.8251, 4.2482
Hunter-Lab	73.7099, 2.6297, -3.5768

Details

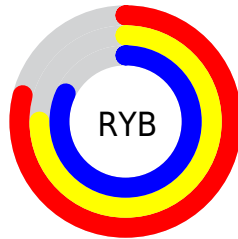
The YIQ color $196.1560, -0.1390, 8.0290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.8440, 0.1390, -8.0290$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.3040, 2.2000, 4.1840$, and $142.7430, -0.4140, 7.5060$ is the 20% darker color. If you saturate the color by 10%, you get $180.8390, -0.3240, 16.8920$, and if you desaturate by 10%, it is $211.4730, 0.0460, -0.8340$.

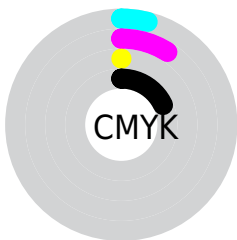
Distribution



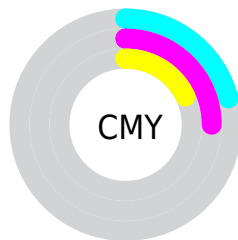
- Red (79%)
- Green (75%)
- Blue (82%)



- Red (79%)
- Yellow (75%)
- Blue (82%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.1560, -0.1390, 8.0290 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 196.1560, -0.1390, 8.0290 by changing the saturation by 10% instead.

■ 196.1560, -0.1390,
8.0290

■ 196.1560, -0.1390,
8.0290

■ 255.0000, -0.0000,
-0.0000

■ 169.0420, 0.1820,
7.7180

■ 250.3040, 2.2000,
4.1840

■ 142.7430, -0.4140,
7.5060

■ 116.7430, -0.4140,
7.5060

■ 92.2160, -0.3680,
6.6720

■ 68.5150, 0.2280,
6.8840

■ 46.1020, -0.0470,
6.3610

■ 25.6890, -0.3220,

5.8380

■ 1.5960, -4.4940,
4.3540

■ 0.0000, 0.0000,
0.0000

■ 196.1560, -0.1390,
8.0290

■ 196.1560, -0.1390,
8.0290

■ 180.8390, -0.3240,
16.8920

■ 211.4730, 0.0460,
-0.8340

■ 165.5220, -0.5090,
25.7550

■ 226.7900, 0.2310,
-9.6970

■ 150.2050, -0.6940,
34.6180

■ 242.1070, 0.4160,
-18.5600

■ 134.8880, -0.8790,
43.4810

■ 245.6840, 6.1010,
-16.9630

■ 119.5710, -1.0640,
52.3440

■ 248.6740, 12.0610,
-14.8430

■ 104.2540, -1.2490,
61.2070

■ 249.8700, 14.4450,
-13.9950

■ 88.9370, -1.4340,
70.0700

■ 73.9190, -1.0230,
79.1450

■ 58.6020, -1.2080,
88.0080

Harmonies

Analogous

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



194.4860, -9.9960, 4.9480



196.1560, -0.1390, 8.0290



197.0600, 8.9390, 8.7070

Triad

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



196.1560, -0.1390, 8.0290



195.2590, 15.2680, -1.3720



191.6880, -16.9170, -7.2930

Complementary

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



196.1560, -0.1390, 8.0290



204.8440, 0.1390, -8.0290

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.



191.7550, -9.8560, -8.6080



196.1560, -0.1390, 8.0290



193.9160, 8.8040, -5.3720

Square

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



196.1560, -0.1390, 8.0290



196.2750, 18.3390, 3.5470



192.8440, 0.1390, -8.0290



191.8280, -20.1270, -4.1830

Rectangle

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



196.1560, -0.1390, 8.0290



196.8710, 13.8450, 7.9010



192.8440, 0.1390, -8.0290



191.5310, -15.0370, -8.3250

Sweetspot

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



196.1560, -0.1390, 8.0290



249.1080, -0.1840, 3.3360



198.4490, -8.5740, 1.2020



123.5810, -0.1380, 2.5020



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.



196.1560, -0.1390, 8.0290



234.6770, -0.0480, 11.8880



198.8470, 5.2250, 9.9370



97.0480, 0.0450, 4.6930



45.7630, -0.8840, 71.1160



10.9530, -0.6450, 17.2030

Inverse Universe

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



197.7070, 8.4350, 6.8270



236.8540, 12.5150, 9.9790



202.1530, -5.2250, -9.9370



97.8590, 4.9510, 3.8870



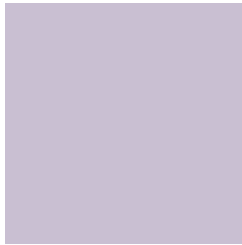
59.3520, 74.4480, 60.4960



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 196.1560, -0.1390, 8.0290 looks on a white background.

Color Contrast Check

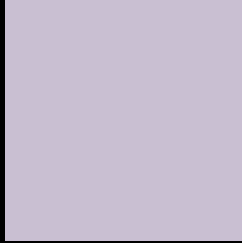
Large Text (above 18pt) WCAG AA × Fail

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 196.1560, -0.1390, 8.0290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

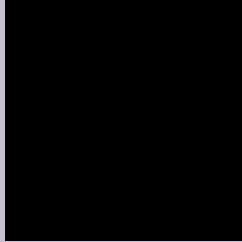
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.1560, -0.1390, 8.0290

Background



This preview shows how black text looks on a background with the YIQ color 196.1560, -0.1390, 8.0290.



This preview shows how white text looks on a background with the YIQ color 196.1560, -0.1390,

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

196.1560, -0.1390, 8.0290

Protanopia

195.0520, -5.7780, 5.5980

Deuteranopia

196.4770, 3.3910, 10.1350



Tritanopia

196.1020, -0.0470, 6.3610

Trichromacy



Original Color

196.1560, -0.1390, 8.0290

Protanomaly

195.3620, -3.7150, 6.7570

Deuteranomaly

196.4660, 1.9240, 9.1880

Tritanomaly

196.2160, -0.3680, 6.6720

Monochromacy



Original Color

196.1560, -0.1390, 8.0290

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.1560, -0.1390, 8.0290 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(201, 191, 210)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 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(201, 191, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 210) }
```

Border

The CSS property to change the border of an element to YIQ 196.1560, -0.1390, 8.0290 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(201, 191, 210) }
```


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

```
.border{ border-color:rgb(201, 191, 210) }
```

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

Here you see how a box with a 4 pixel rgb(201, 191, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 191, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 191, 210);  
box-shadow:4px 4px 4px 4px rgb(201, 191,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 196.1560, -0.1390, 8.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 210) }
```

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

```
.background{ background-color: rgb(201,  
191, 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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