

Converting Colors

YIQ(208.5980, -16.0030, 9.1890)

Have a look what the booklet for
YIQ(208.5980, -16.0030, 9.1890)
contains.

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Color

**YIQ(208.5980, -16.0030,
9.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CFF2
RGB	199, 207, 242
RGB Percent	78%, 81%, 95%
CMY	0.2196, 0.1882, 0.0511
CMYK	0.18, 0.14, 0.00, 0.05
HSL	229°, 62%, 86%
HSV	229°, 18%, 95%
XYZ	61.8906, 63.1789, 92.9190
YIQ	208.5980, -16.0030, 9.1890

Conversions

Conversions Part 2

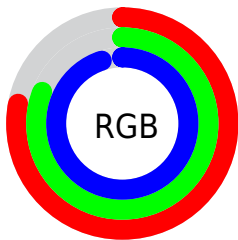
Format	Color
R_{YB}	199, 206, 242
Decimal	13094898
CIE _{Lab}	83.54, 4.34, -18.09
CIE _{LCh}	84, 18.603, 283.491
Yxy	63.1789, 0.2839, 0.2898
Android (android.graphics.Color)	4291284978 (0xFFC7CFF2)
YUV	208.5980, 16.4672, -8.4174
Hunter-Lab	79.4852, -0.1113, -13.6710

Details

The YIQ color $208.5980, -16.0030, 9.1890$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $232.4020, 16.0030, -9.1890$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $154.3700, -15.3610, 8.5670$ is the 20% darker color. If you saturate the color by 10%, you get $189.6820, -24.8070, 14.5610$, and if you desaturate by 10%, it is $227.5140, -7.1990, 3.8170$.

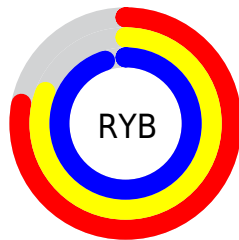
Distribution



Red (78%)

Green (81%)

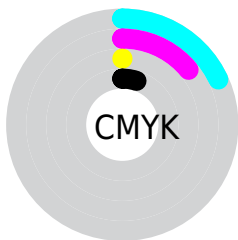
Blue (95%)



Red (78%)

Yellow (81%)

Blue (95%)

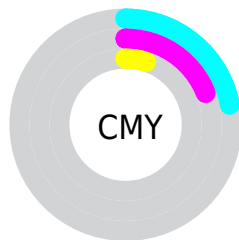


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.5980, -16.0030, 9.1890 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 208.5980, -16.0030, 9.1890 by changing the saturation by 10% instead.

■ 208.5980,
-16.0030, 9.1890

■ 208.5980,
-16.0030, 9.1890

255.0000, -0.0000,
-0.0000

■ 181.1850,
-16.2780, 8.6660

■ 154.3700,
-15.3610, 8.5670

■ 128.2560,
-15.0400, 8.2560

■ 102.8430,
-15.3150, 7.7330

■ 78.6150, -14.6730,
7.1110

■ 55.5010, -14.3520,
6.8000

■ 33.6750, -14.9020,

5.7540

■ 10.7890, -15.2230,
6.0650

■ 2.4110, -5.4110,
4.4530

■ 208.5980,
-16.0030, 9.1890

■ 208.5980,
-16.0030, 9.1890

■ 189.6820,
-24.8070, 14.5610

■ 227.5140, -7.1990,
3.8170

■ 171.3530,
-33.8860, 19.4100

■ 245.8430, 1.8800,
-1.0320

■ 152.1380,
-43.2860, 24.5700

■ 253.5180, 4.1730,
-4.0430

■ 133.2220,
-52.0900, 29.9420

■ 114.8930,
-61.1690, 34.7910

■ 95.9770, -69.9730,
40.1630

■ 77.0610, -78.7770,
45.5350

■ 57.8460, -88.1770,
50.6950

■ 54.0030, -90.0570,
51.7270

Harmonies

Analogous

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



205.4280, -30.4440, 1.0760



208.5980, -16.0030, 9.1890



210.7420, 1.3270, 14.5030

Triad

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



208.5980, -16.0030, 9.1890



210.5600, 30.7180, 4.9740



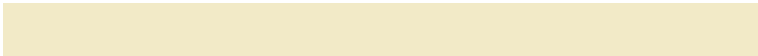
202.8630, -19.2080, -15.3360

Complementary

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



208.5980, -16.0030, 9.1890



232.4020, 16.0030, -9.1890

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.



204.9590, -1.9230, -14.7150



208.5980, -16.0030, 9.1890



208.7670, 25.4010, -3.2950

Square

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



208.5980, -16.0030, 9.1890



211.2210, 27.5990, 11.9430



207.0920, 13.9400, -10.3480



201.6260, -31.5420, -12.0700

Rectangle

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



208.5980, -16.0030, 9.1890



211.4290, 12.5140, 15.5060



207.0920, 13.9400, -10.3480



203.3860, -13.4310, -15.4070

Sweetspot

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



208.5980, -16.0030, 9.1890



245.2430, -4.9980, 2.4740



228.1170, -22.7390, -11.9150



121.4990, -2.8430, 1.9650



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.



208.5980, -16.0030, 9.1890



213.0260, -20.0840, 11.5640



207.7890, -6.0550, 16.1290



110.5420, -4.4020, 2.6860



40.9340, -68.4140, 39.4420



12.2540, -20.7260, 12.1860

Inverse Universe

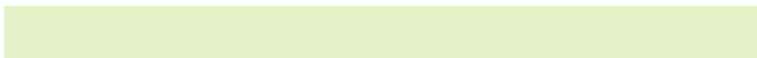
The Inverse Universe completely reimagines the original color for something new.



212.7690, 23.0600, 11.6040



218.2860, 28.9740, 14.5580



233.2110, 6.0550, -16.1290



111.8160, 6.5100, 3.1660



58.8920, 98.7500, 49.5820



17.8840, 30.1660, 14.9820

Previews

White Background



This preview shows how the YIQ color 208.5980, -16.0030, 9.1890 looks on a white background.

Color Contrast Check

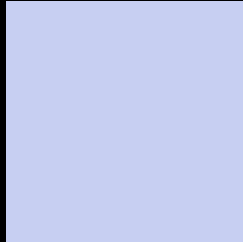
Large Text (above 18pt) WCAG AA × Fail

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 208.5980, -16.0030, 9.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

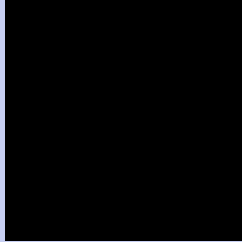
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.5980, -16.0030, 9.1890

Background



This preview shows how black text looks on a background with the YIQ color 208.5980, -16.0030, 9.1890.



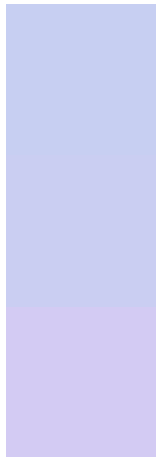
This preview shows how white text looks on a background with the YIQ color 208.5980, -16.0030,

9.1890.

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

208.5980, -16.0030, 9.1890

Protanopia

208.9080, -13.9400, 10.3480

Deuteranopia

209.9520, -8.0720, 14.1360



Tritanopia

207.6380, -13.4800, 2.0080

Trichromacy



Original Color

208.5980, -16.0030, 9.1890

Protanomaly

208.6090, -14.5360, 10.1360

Deuteranomaly

209.3430, -10.7310, 12.7650

Tritanomaly

208.0340, -14.5350, 4.6090

Monochromacy



Original Color

208.5980, -16.0030, 9.1890

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.5850, -5.9610, 3.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.5980, -16.0030, 9.1890 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(199, 207, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 242)  
}
```

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(199, 207, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 242) }
```

Border

The CSS property to change the border of an element to YIQ 208.5980, -16.0030, 9.1890 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(199, 207, 242) }
```


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

```
.border{ border-color:rgb(199, 207, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 242);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 208.5980, -16.0030, 9.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 242) }
```

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

```
.background{ background-color: rgb(199,  
207, 242) }
```

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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