

Converting Colors

YIQ(212.8320, -16.7820, 6.7860)

Have a look what the booklet for
YIQ(212.8320, -16.7820, 6.7860)
contains.

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Color

**YIQ(212.8320, -16.7820,
6.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D5F3
RGB	201, 213, 243
RGB Percent	79%, 84%, 95%
CMY	0.2118, 0.1647, 0.0471
CMYK	0.17, 0.12, 0.00, 0.05
HSL	223°, 64%, 87%
HSV	223°, 17%, 95%
XYZ	64.0565, 66.4779, 94.2313
YIQ	212.8320, -16.7820, 6.7860

Conversions

Conversions Part 2

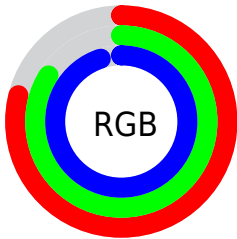
Format	Color
R _Y B	201, 210, 243
Decimal	13227507
CIE Lab	85.24, 2.00, -16.04
CIE LCh	85, 16.166, 277.094
Yxy	66.4779, 0.2850, 0.2958
Android (android.graphics.Color)	4291417587 (0xFFC9D5F3)
YUV	212.8320, 14.8728, -10.3767
Hunter-Lab	81.5340, -2.4475, -11.4494

Details

The YIQ color $212.8320, -16.7820, 6.7860$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $231.1680, 16.7820, -6.7860$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.0170, -15.8650, 6.6870$ is the 20% darker color. If you saturate the color by 10%, you get $195.6770, -26.4110, 10.5890$, and if you desaturate by 10%, it is $229.9870, -7.1530, 2.9830$.

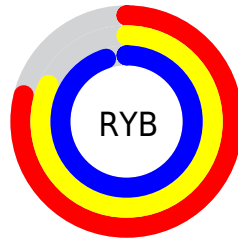
Distribution



Red (79%)

Green (84%)

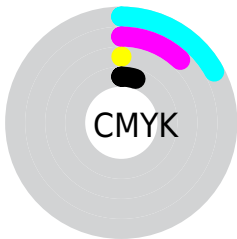
Blue (95%)



Red (79%)

Yellow (82%)

Blue (95%)

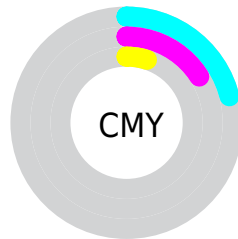


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (21%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8320, -16.7820, 6.7860 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 212.8320, -16.7820, 6.7860 by changing the saturation by 10% instead.

■ 212.8320,
-16.7820, 6.7860

■ 212.8320,
-16.7820, 6.7860

255.0000, -0.0000,
-0.0000

■ 184.8320,
-16.7820, 6.7860

■ 158.0170,
-15.8650, 6.6870

■ 131.9030,
-15.5440, 6.3760

■ 106.4900,
-15.8190, 5.8530

■ 82.2620, -15.1770,
5.2310

■ 59.1480, -14.8560,
4.9200

■ 36.7350, -15.1310,

4.3970

■ 15.6100, -16.2770,
3.1390

■ 2.5250, -5.7320,
4.7640

■ 212.8320,
-16.7820, 6.7860

■ 212.8320,
-16.7820, 6.7860

■ 195.6770,
-26.4110, 10.5890

■ 229.9870, -7.1530,
2.9830

■ 177.6360,
-36.3610, 14.7030

■ 248.0280, 2.7970,
-1.1310

■ 160.4810,
-45.9900, 18.5060

■ 253.6320, 3.8520,
-3.7320

■ 143.3260,
-55.6190, 22.3090

■ 125.5840,
-64.9730, 26.6350

■ 108.1300,
-75.1980, 30.2260

■ 90.9750, -84.8270,
34.0290

■ 73.2330, -94.1810,
38.3550

■ 68.7920, -97.2530,
38.9630

Harmonies

Analogous

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



210.4560, -27.6470, -0.0550



212.8320, -16.7820, 6.7860



214.8940, -2.1570, 11.5630

Triad

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



212.8320, -16.7820, 6.7860



215.2330, 27.3250, 5.8930



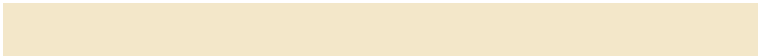
208.5540, -13.8440, -13.4280

Complementary

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



212.8320, -16.7820, 6.7860



231.1680, 16.7820, -6.7860

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.



210.3940, 1.2860, -12.2980



212.8320, -16.7820, 6.7860



213.7500, 24.0710, -1.2170

Square

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



212.8320, -16.7820, 6.7860



215.7690, 23.0600, 11.6040



212.2710, 14.9940, -7.4220



207.5620, -25.4900, -11.6180

Rectangle

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



212.8320, -16.7820, 6.7860



215.9230, 8.0670, 13.4990



212.2710, 14.9940, -7.4220



209.1910, -8.3880, -13.1880

Sweetspot

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



212.8320, -16.7820, 6.7860



245.8300, -5.2730, 1.9510



228.9600, -20.8590, -12.9470



122.0860, -3.1180, 1.4420



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.



212.8320, -16.7820, 6.7860



216.5480, -21.7340, 8.4260



208.1800, -8.7140, 14.7580



113.7160, -4.9520, 1.6400



52.3150, -74.2810, 30.1270



16.7050, -23.6140, 9.4580

Inverse Universe

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



214.9260, 21.1800, 12.6360



218.9700, 27.0480, 16.4240



235.8200, 8.7140, -14.7580



114.0440, 5.8680, 3.7880



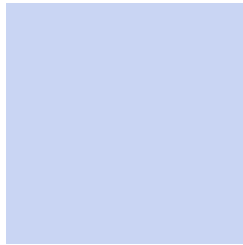
61.6560, 93.8430, 55.9150



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 212.8320, -16.7820, 6.7860 looks on a white background.

Color Contrast Check

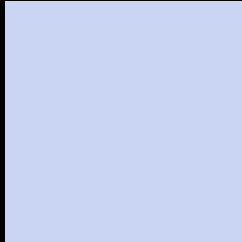
Large Text (above 18pt) WCAG AA × Fail

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 212.8320, -16.7820, 6.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

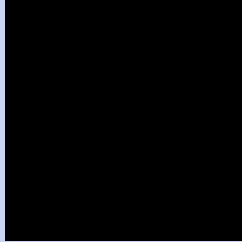
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.8320, -16.7820, 6.7860

Background



This preview shows how black text looks on a background with the YIQ color 212.8320, -16.7820, 6.7860.

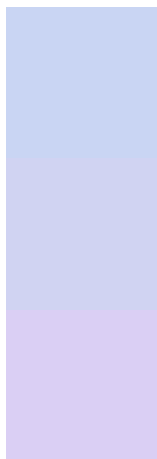


This preview shows how white text looks on a background with the YIQ color 212.8320, -16.7820,

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

212.8320, -16.7820, 6.7860

Protanopia

213.6370, -11.7390, 9.0050

Deuteranopia

214.5070, -5.3210, 13.8390



Tritanopia

212.1540, -14.9930, 1.8950

Trichromacy



Original Color

212.8320, -16.7820, 6.7860

Protanomaly

213.3270, -13.8020, 7.8460

Deuteranomaly

213.8870, -9.4470, 11.5210

Tritanomaly

212.3220, -15.4060, 3.8740

Monochromacy



Original Color

212.8320, -16.7820, 6.7860

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0580, -5.9150, 2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8320, -16.7820, 6.7860 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, 213, 243)` looks like.

```
.text, #text, p{  
    color:rgb(201, 213, 243)  
}
```

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, 213, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 243) }
```

Border

The CSS property to change the border of an element to YIQ 212.8320, -16.7820, 6.7860 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, 213, 243) }
```


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

```
.border{ border-color:rgb(201, 213, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 213, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 213, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 213, 243);  
box-shadow:4px 4px 4px 4px rgb(201, 213,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8320, -16.7820, 6.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 243) }
```

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

```
.background{ background-color: rgb(201,  
213, 243) }
```

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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