

Converting Colors

YIQ(212.6360, -9.9980, 16.0020)

Have a look what the booklet for
YIQ(212.6360, -9.9980, 16.0020)
contains.

YIQ(212.6360, -9.9980, 16.0020)	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(212.6360, -9.9980,
16.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CDFB
RGB	213, 205, 251
RGB Percent	84%, 80%, 98%
CMY	0.1646, 0.1961, 0.0158
CMYK	0.15, 0.18, 0.00, 0.02
HSL	250°, 85%, 89%
HSV	250°, 18%, 98%
XYZ	66.6842, 64.7729, 100.2387
YIQ	212.6360, -9.9980, 16.0020

Conversions

Conversions Part 2

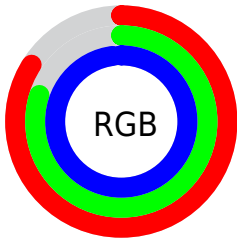
Format	Color
RYB	213, 205, 251
Decimal	14011899
CIELab	84.37, 11.67, -21.51
CIELCh	84, 24.478, 298.484
Yxy	64.7729, 0.2878, 0.2796
Android (android.graphics.Color)	4292201979 (0xFFD5CDFB)
YUV	212.6360, 18.9135, 0.3192
Hunter-Lab	80.4816, 7.0560, -17.5077

Details

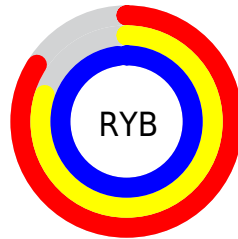
The YIQ color $212.6360, -9.9980, 16.0020$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $243.3640, 9.9980, -16.0020$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.9950, -9.6310, 14.8570$ is the 20% darker color. If you saturate the color by 10%, you get $191.6820, -15.6390, 24.6250$, and if you desaturate by 10%, it is $233.5900, -4.3570, 7.3790$.

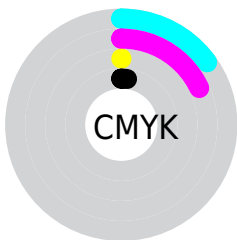
Distribution



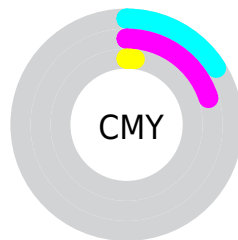
- Red (84%)
- Green (80%)
- Blue (98%)



- Red (84%)
- Yellow (80%)
- Blue (98%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.6360, -9.9980, 16.0020 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 212.6360, -9.9980, 16.0020 by changing the saturation by 10% instead.

■ 212.6360, -9.9980,
16.0020

■ 212.6360, -9.9980,
16.0020

255.0000, -0.0000,
-0.0000

■ 185.1090, -9.9520,
15.1680

■ 157.9950, -9.6310,
14.8570

■ 131.8810, -9.3100,
14.5460

■ 106.4680, -9.5850,
14.0230

■ 81.9410, -9.5390,
13.1890

■ 58.4140, -9.4930,
12.3550

■ 36.8870, -9.4470,

11.5210

■ 14.4850, -8.2550,
11.9450

■ 3.2090, -7.6580,
6.6300

■ 212.6360, -9.9980,
16.0020

■ 212.6360, -9.9980,
16.0020

■ 191.6820,
-15.6390, 24.6250

■ 233.5900, -4.3570,
7.3790

■ 171.0270,
-20.6840, 33.4600

■ 254.2450, 0.6880,
-1.4560

■ 150.0730,
-26.3250, 42.0830

■ 254.5440, 1.2840,
-1.2440

■ 129.1190,
-31.9660, 50.7060

■ 108.1650,
-37.6070, 59.3290

■ 86.9230, -42.3770,
68.6870

■ 65.9690, -48.0180,
77.3100

■ 45.0150, -53.6590,
85.9330

■ 41.7700, -54.3470,
87.3890

Harmonies

Analogous

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



208.5190, -31.9580, 6.4900



212.6360, -9.9980, 16.0020



214.4770, 12.5590, 20.1990

Triad

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



212.6360, -9.9980, 16.0020



211.7470, 37.3210, 0.9450



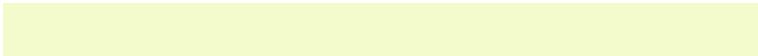
201.8440, -35.3920, -19.3920

Complementary

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



212.6360, -9.9980, 16.0020



243.3640, 9.9980, -16.0020

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.



204.1530, -14.3930, -20.0010



212.6360, -9.9980, 16.0020



209.9640, 26.0440, -9.4440

Square

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



212.6360, -9.9980, 16.0020



212.3700, 37.3650, 11.1650



207.1680, 7.6140, -16.8500



201.0030, -48.7810, -13.5250

Rectangle

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



212.6360, -9.9980, 16.0020



214.5940, 25.3510, 19.6470



207.1680, 7.6140, -16.8500



202.2530, -29.2940, -19.7740

Sweetspot

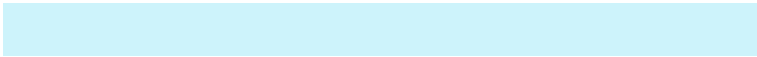
The Sweet Spot groups the original color and five complimentary colors.



212.6360, -9.9980, 16.0020



244.0800, -2.9810, 4.4670



232.5500, -25.2160, -5.5680



121.2110, -1.9720, 2.7000



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.



212.6360, -9.9980, 16.0020



208.3740, -12.0160, 19.5360



219.5130, 3.7100, 20.8780



114.3790, -2.3850, 4.6790



31.4130, -41.0010, 65.7750



10.2430, -13.0250, 21.3030

Inverse Universe

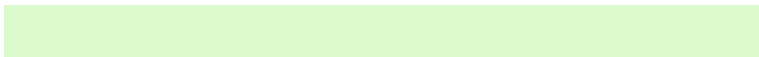
The Inverse Universe completely reimagines the original color for something new.



223.0860, 15.2180, 21.5700



220.9880, 18.6100, 26.1780



236.4870, -3.7100, -20.8780



117.1410, 4.2170, 6.1770



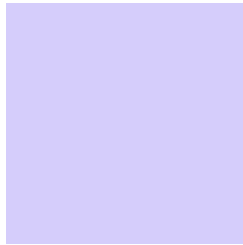
74.2950, 62.5680, 88.5840



24.0530, 19.9850, 28.7930

Previews

White Background



This preview shows how the YIQ color 212.6360, -9.9980, 16.0020 looks on a white background.

Color Contrast Check

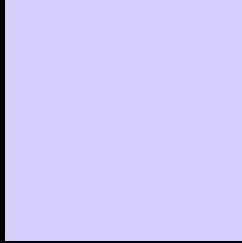
Large Text (above 18pt) WCAG AA × Fail

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 212.6360, -9.9980, 16.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

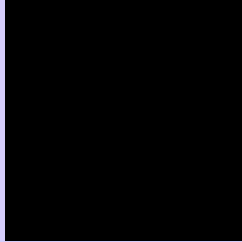
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.6360, -9.9980, 16.0020

Background



This preview shows how black text looks on a background with the YIQ color 212.6360, -9.9980, 16.0020.

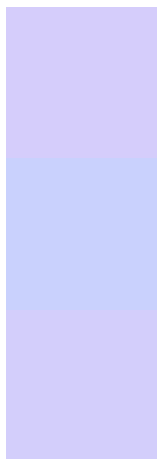


This preview shows how white text looks on a background with the YIQ color 212.6360, -9.9980,

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

212.6360, -9.9980, 16.0020

Protanopia

211.6240, -18.8920, 11.9880

Deuteranopia

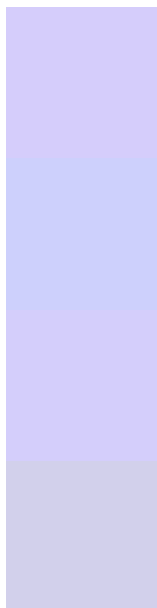
212.6250, -11.4650, 15.0550



Tritanopia

210.9380, -5.4570, 5.2870

Trichromacy



Original Color

212.6360, -9.9980, 16.0020

Protanomaly

212.1190, -15.9120, 13.0480

Deuteranomaly

212.9240, -10.8690, 15.2670

Tritanomaly

211.6760, -7.4750, 8.8210

Monochromacy



Original Color

212.6360, -9.9980, 16.0020

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8350, -3.6690, 5.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.6360, -9.9980, 16.0020 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(213, 205, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 251)  
}
```

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(213, 205, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 251) }
```

Border

The CSS property to change the border of an element to YIQ 212.6360, -9.9980, 16.0020 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(213, 205, 251) }
```


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

```
.border{ border-color:rgb(213, 205, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 212.6360, -9.9980, 16.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 251) }
```

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

```
.background{ background-color: rgb(213,  
205, 251) }
```

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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