

Converting Colors

YIQ(195.4650, 3.6650, 16.1850)

Have a look what the booklet for
YIQ(195.4650, 3.6650, 16.1850)
contains.

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Color

**YIQ(195.4650, 3.6650,
16.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B8DB
RGB	209, 184, 219
RGB Percent	82%, 72%, 86%
CMY	0.1803, 0.2785, 0.1412
CMYK	0.05, 0.16, 0.00, 0.14
HSL	283°, 33%, 79%
HSV	283°, 16%, 86%
XYZ	56.2244, 52.9493, 74.2725
YIQ	195.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

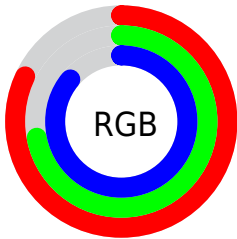
Format	Color
R_{YB}	209, 184, 219
Decimal	13744347
CIE _{Lab}	77.85, 15.22, -14.25
CIE _{LCh}	78, 20.854, 316.878
Yxy	52.9493, 0.3065, 0.2886
Android (android.graphics.Color)	4291934427 (0xFFD1B8DB)
YUV	195.4650, 11.6028, 11.8702
Hunter-Lab	72.7663, 10.5810, -9.5809

Details

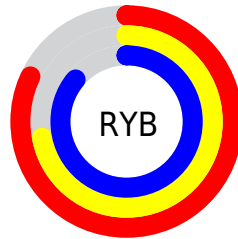
The YIQ color $195.4650, 3.6650, 16.1850$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $207.5350, -3.6650, -16.1850$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $141.6390, 3.1150, 15.1390$ is the 20% darker color. If you saturate the color by 10%, you get $180.7570, 6.1390, 26.4190$, and if you desaturate by 10%, it is $210.1730, 1.1910, 5.9510$.

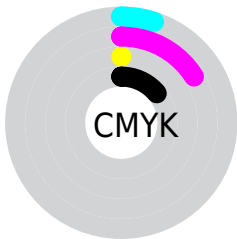
Distribution



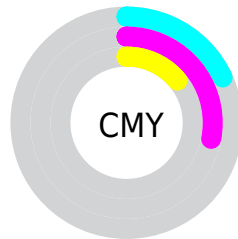
- Red (82%)
- Green (72%)
- Blue (86%)



- Red (82%)
- Yellow (72%)
- Blue (86%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4650, 3.6650, 16.1850 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 195.4650, 3.6650, 16.1850 by changing the saturation by 10% instead.

■ 195.4650, 3.6650,
16.1850

■ 195.4650, 3.6650,
16.1850

255.0000, -0.0000,
-0.0000

■ 168.0520, 3.3900,
15.6620

■ 246.1950, 4.1250,
7.8450

■ 141.6390, 3.1150,
15.1390

■ 116.2260, 2.8400,
14.6160

■ 91.1120, 3.1610,
14.3050

■ 67.6990, 2.8860,
13.7820

■ 45.1720, 2.9320,
12.9480

■ 24.3460, 2.3820,

11.9020

■ 3.4050, -5.2740,
7.4780

■ 0.0000, 0.0000,
0.0000

■ 195.4650, 3.6650,
16.1850

■ 195.4650, 3.6650,
16.1850

■ 180.7570, 6.1390,
26.4190

■ 210.1730, 1.1910,
5.9510

■ 166.0490, 8.6130,
36.6530

■ 225.1800, -0.6870,
-4.0710

■ 151.0420, 10.4910,
46.6750

■ 239.8880, -3.1610,
-14.3050

■ 136.3340, 12.9650,
56.9090

■ 244.6170, -0.9600,
-15.6480

■ 121.6260, 15.4390,
67.1430

■ 246.4110, 2.6160,
-14.3760

■ 107.5050, 17.6380,
76.8540

■ 248.2050, 6.1920,
-13.1040

■ 92.4980, 19.5160,
86.8760

■ 250.2980, 10.3640,
-11.6200

■ 77.7900, 21.9900,
97.1100

■ 250.8960, 11.5560,
-11.1960

■ 71.9090, 23.2730,
101.3930

Harmonies

Analogous

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



192.9510, -15.4990, 11.0690



195.4650, 3.6650, 16.1850



196.2620, 20.3540, 16.5940

Triad

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



195.4650, 3.6650, 16.1850



192.3110, 26.6850, -4.5390



185.0490, -37.2270, -13.6670

Complementary

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



195.4650, 3.6650, 16.1850



207.5350, -3.6650, -16.1850

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.



185.7700, -23.3800, -16.8200



195.4650, 3.6650, 16.1850



190.7390, 13.4360, -12.2280

Square

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



195.4650, 3.6650, 16.1850



194.1150, 33.4690, 4.6770



188.3500, -4.5820, -16.0860



185.8240, -40.6670, -6.3870

Rectangle

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



195.4650, 3.6650, 16.1850



195.9870, 28.3780, 14.3460



188.3500, -4.5820, -16.0860



185.1480, -33.1920, -15.2080

Sweetspot

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



195.4650, 3.6650, 16.1850



246.1730, 1.1910, 5.9510



193.8600, -13.9850, 5.6550



122.4070, 0.4120, 3.5480



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.



195.4650, 3.6650, 16.1850



222.6380, 4.8560, 22.1360



197.6570, 11.8720, 16.1280



102.6460, 1.2370, 5.1170



56.7980, 18.3710, 80.0910



15.1110, 4.9020, 21.3020

Inverse Universe

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



195.6050, 17.6500, 10.5300



222.8340, 24.4350, 14.2190



205.3430, -11.8720, -16.1280



102.6310, 5.5930, 3.2650



57.3130, 87.3790, 51.9150



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 195.4650, 3.6650, 16.1850 looks on a white background.

Color Contrast Check

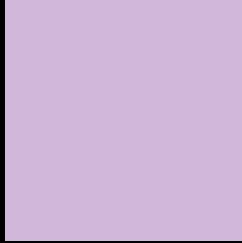
Large Text (above 18pt) WCAG AA × Fail

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 195.4650, 3.6650, 16.1850 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 195.4650, 3.6650, 16.1850

Background



This preview shows how black text looks on a background with the YIQ color 195.4650, 3.6650, 16.1850.



This preview shows how white text looks on a background with the YIQ color 195.4650, 3.6650,

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

195.4650, 3.6650, 16.1850

Protanopia

193.5660, -12.9770, 9.4150

Deuteranopia

194.7090, -3.0740, 11.6620



Tritanopia

194.3910, 6.5090, 8.6930

Trichromacy



Original Color

195.4650, 3.6650, 16.1850

Protanomaly

193.9690, -6.7420, 12.0580

Deuteranomaly

195.3180, -0.4150, 13.0330

Tritanomaly

194.7870, 5.4540, 11.2940

Monochromacy



Original Color

195.4650, 3.6650, 16.1850

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.1730, 1.1910, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4650, 3.6650, 16.1850 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(209, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(209, 184, 219)  
}
```

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(209, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 184, 219) }
```

Border

The CSS property to change the border of an element to YIQ 195.4650, 3.6650, 16.1850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

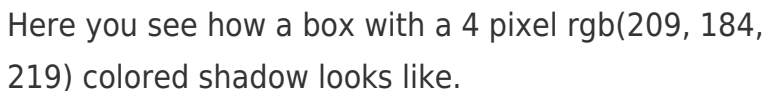
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 184, 219) }
```


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

```
.border{ border-color:rgb(209, 184, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 184, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 184, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 184, 219); box-shadow:4px 4px 4px 4px rgb(209, 184, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4650, 3.6650, 16.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 184, 219) }
```

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

```
.background{ background-color: rgb(209,  
184, 219) }
```

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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