

Converting Colors

YIQ(192.5960, 4.6740, 14.4180)

Have a look what the booklet for
YIQ(192.5960, 4.6740, 14.4180)
contains.

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Color

**YIQ(192.5960, 4.6740,
14.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB6D4
RGB	206, 182, 212
RGB Percent	81%, 71%, 83%
CMY	0.1921, 0.2863, 0.1686
CMYK	0.03, 0.14, 0.00, 0.17
HSL	288°, 26%, 77%
HSV	288°, 14%, 83%
XYZ	54.0684, 51.3298, 69.3445
YIQ	192.5960, 4.6740, 14.4180

Conversions

Conversions Part 2

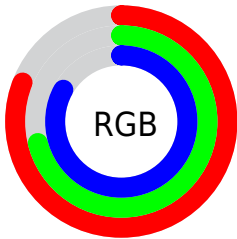
Format	Color
R _Y B	206, 182, 212
Decimal	13547220
CIE Lab	76.88, 13.95, -11.94
CIE LCh	77, 18.363, 319.449
Yxy	51.3298, 0.3094, 0.2937
Android (android.graphics.Color)	4291737300 (0xFFCEB6D4)
YUV	192.5960, 9.5662, 11.7553
Hunter-Lab	71.6448, 9.3307, -7.2350

Details

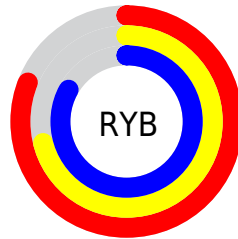
The YIQ color $192.5960, 4.6740, 14.4180$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $201.4040, -4.6740, -14.4180$, and the grayscale version is $192.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $139.0690, 4.7200, 13.5840$ is the 20% darker color. If you saturate the color by 10%, you get $179.0730, 8.0650, 24.5530$, and if you desaturate by 10%, it is $206.1190, 1.2830, 4.2830$.

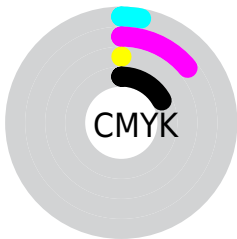
Distribution



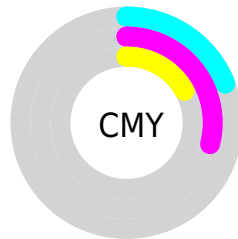
- Red (81%)
- Green (71%)
- Blue (83%)



- Red (81%)
- Yellow (71%)
- Blue (83%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5960, 4.6740, 14.4180 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 192.5960, 4.6740, 14.4180 by changing the saturation by 10% instead.

■ 192.5960, 4.6740,
14.4180

■ 192.5960, 4.6740,
14.4180

255.0000, -0.0000,
-0.0000

■ 165.1830, 4.3990,
13.8950

■ 245.0210, 4.6750,
8.8910

■ 139.0690, 4.7200,
13.5840

■ 113.6560, 4.4450,
13.0610

■ 88.9440, 3.5740,
12.3260

■ 65.5310, 3.2990,
11.8030

■ 43.1180, 3.0240,
11.2800

■ 22.0040, 3.3450,

10.9690

■ 1.7100, -4.8150,
4.6650

■ 0.0000, 0.0000,
0.0000

■ 192.5960, 4.6740,
14.4180

■ 192.5960, 4.6740,
14.4180

■ 179.0730, 8.0650,
24.5530

■ 206.1190, 1.2830,
4.2830

■ 165.5500, 11.4560,
34.6880

■ 219.6420, -2.1080,
-5.8520

■ 151.1410, 14.5260,
45.1340

■ 234.0510, -5.1780,
-16.2980

■ 137.6180, 17.9170,
55.2690

■ 240.5300, -5.2690,
-20.1570

124.0950, 21.3080,
65.4040

241.7260, -2.8850,
-19.3090

110.5720, 24.6990,
75.5390

242.9220, -0.5010,
-18.4610

96.7500, 27.4940,
85.4620

244.4170, 2.4790,
-17.4010

82.6400, 31.1600,
96.1200

245.6130, 4.8630,
-16.5530

74.9980, 33.2680,
101.9720

246.8090, 7.2470,
-15.7050

Harmonies

Analogous

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



190.3920, -12.4270, 10.4610



192.5960, 4.6740, 14.4180



192.6100, 19.2540, 14.5020

Triad

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



192.5960, 4.6740, 14.4180



190.1580, 22.7420, -4.6660



183.5550, -32.7800, -11.6600

Complementary

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



192.5960, 4.6740, 14.4180



201.4040, -4.6740, -14.4180

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.



184.0200, -21.0880, -14.3040



192.5960, 4.6740, 14.4180



187.8250, 10.3180, -10.7860

Square

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



192.5960, 4.6740, 14.4180



191.1360, 28.9760, 3.5040



186.1050, -5.2700, -14.6300



184.4010, -34.9820, -4.7900

Rectangle

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



192.5960, 4.6740, 14.4180



192.8510, 25.7650, 12.1410



186.1050, -5.2700, -14.6300



183.5830, -29.9830, -12.7910

Sweetspot

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



192.5960, 4.6740, 14.4180



248.5320, 1.5580, 4.8060



188.9420, -11.2800, 6.1920



123.2930, 0.7330, 3.2370



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.



192.5960, 4.6740, 14.4180



227.0680, 6.4610, 20.5810



193.3640, 11.1390, 12.8910



99.9450, 1.8330, 5.3290



60.4570, 26.7610, 82.2250



15.3670, 7.0570, 20.7930

Inverse Universe

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



191.6540, 15.9540, 8.2260



225.7690, 23.0600, 11.6040



200.6360, -11.1390, -12.8910



99.6310, 5.5930, 3.2650



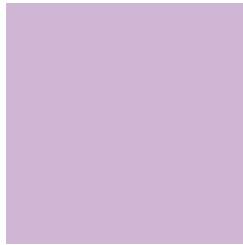
55.0050, 91.0020, 46.8260



13.8830, 22.7390, 11.9150

Previews

White Background



This preview shows how the YIQ color 192.5960, 4.6740, 14.4180 looks on a white background.

Color Contrast Check

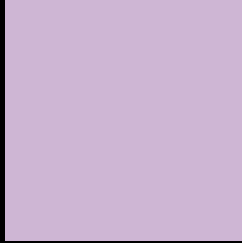
Large Text (above 18pt) WCAG AA × Fail

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 192.5960, 4.6740, 14.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

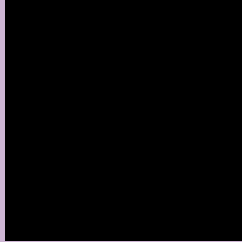
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.5960, 4.6740, 14.4180

Background



This preview shows how black text looks on a background with the YIQ color 192.5960, 4.6740, 14.4180.



This preview shows how white text looks on a background with the YIQ color 192.5960, 4.6740,

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

192.5960, 4.6740, 14.4180

Protanopia

190.2950, -10.7760, 8.0720

Deuteranopia

191.8510, -0.5980, 10.8420



Tritanopia

191.6900, 7.1050, 8.9050

Trichromacy



Original Color

192.5960, 4.6740, 14.4180

Protanomaly

191.3990, -5.1370, 10.5030

Deuteranomaly

192.1610, 1.4650, 12.0010

Tritanomaly

191.9720, 6.3710, 11.1950

Monochromacy



Original Color

192.5960, 4.6740, 14.4180

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5960, 4.6740, 14.4180 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(206, 182, 212)` looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 212)  
}
```

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(206, 182, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 212) }
```

Border

The CSS property to change the border of an element to YIQ 192.5960, 4.6740, 14.4180 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(206, 182, 212) }
```


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

```
.border{ border-color:rgb(206, 182, 212) }
```

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

Here you see how a box with a 4 pixel rgb(206, 182, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 182, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 182, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 182,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5960, 4.6740, 14.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 182, 212) }
```

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

```
.background{ background-color: rgb(206,  
182, 212) }
```

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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