

Converting Colors

YIQ(206.5960, 4.6740, 14.4180)

Have a look what the booklet for
YIQ(206.5960, 4.6740, 14.4180)
contains.

YIQ(206.5960, 4.6740, 14.4180)	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(206.5960, 4.6740,
14.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC4E2
RGB	220, 196, 226
RGB Percent	86%, 77%, 89%
CMY	0.1372, 0.2314, 0.1137
CMYK	0.03, 0.13, 0.00, 0.11
HSL	288°, 34%, 83%
HSV	288°, 13%, 89%
XYZ	62.9860, 60.1849, 80.2478
YIQ	206.5960, 4.6740, 14.4180

Conversions

Conversions Part 2

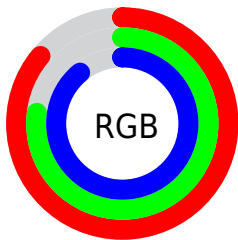
Format	Color
R _Y B	220, 196, 226
Decimal	14468322
CIE Lab	81.94, 13.77, -11.80
CIE LCh	82, 18.132, 319.411
Yxy	60.1849, 0.3096, 0.2959
Android (android.graphics.Color)	4292658402 (0xFFDCC4E2)
YUV	206.5960, 9.5662, 11.7553
Hunter-Lab	77.5789, 9.1603, -7.0244

Details

The YIQ color $206.5960, 4.6740, 14.4180$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $215.4040, -4.6740, -14.4180$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5500, 1.0460$, and $152.1830, 4.3990, 13.8950$ is the 20% darker color. If you saturate the color by 10%, you get $191.8990, 8.6150, 25.5990$, and if you desaturate by 10%, it is $221.5920, 1.3290, 3.4490$.

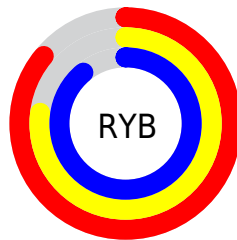
Distribution



Red (86%)

Green (77%)

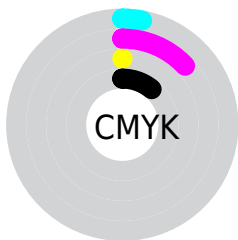
Blue (89%)



Red (86%)

Yellow (77%)

Blue (89%)

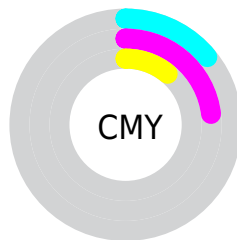


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (23%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.5960, 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 206.5960, 4.6740, 14.4180 by changing the saturation by 10% instead.

206.5960, 4.6740,
14.4180

206.5960, 4.6740,
14.4180

255.0000, -0.0000,
-0.0000

179.1830, 4.3990,
13.8950

253.8260, 0.5500,
1.0460

152.1830, 4.3990,
13.8950

126.3570, 3.8490,
12.8490

101.2430, 4.1700,
12.5380

76.9440, 3.5740,
12.3260

54.4170, 3.6200,
11.4920

32.7050, 2.7490,

10.7570

■ 10.2540, 5.6370,
13.4850

■ 0.0000, 0.0000,
0.0000

■ 206.5960, 4.6740,
14.4180

■ 206.5960, 4.6740,
14.4180

■ 191.8990, 8.6150,
25.5990

■ 221.5920, 1.3290,
3.4490

■ 177.4900, 11.6850,
36.0450

■ 235.7020, -2.3370,
-7.2090

■ 162.7930, 15.6260,
47.2260

■ 245.4150, -3.2070,
-13.4710

■ 148.3840, 18.6960,
57.6720

■ 246.6110, -0.8230,
-12.6230

133.6870, 22.6370,
68.8530

248.1060, 2.1570,
-11.5630

118.6910, 25.9820,
79.8220

249.3020, 4.5410,
-10.7150

104.2820, 29.0520,
90.2680

250.7970, 7.5210,
-9.6550

89.5850, 32.9930,
101.4490

251.6940, 9.3090,
-9.0190

79.8830, 35.3300,
108.6580

Harmonies

Analogous

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



204.3920, -12.4270, 10.4610



206.5960, 4.6740, 14.4180



207.4960, 19.5750, 14.1910

Triad

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



206.5960, 4.6740, 14.4180



204.1580, 22.7420, -4.6660



197.8540, -32.1840, -11.4480

Complementary

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



206.5960, 4.6740, 14.4180



215.4040, -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.



198.0200, -21.0880, -14.3040



206.5960, 4.6740, 14.4180



201.8250, 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.



206.5960, 4.6740, 14.4180



205.4350, 29.5720, 3.7160



200.1050, -5.2700, -14.6300



198.7000, -34.3860, -4.5780

Rectangle

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



206.5960, 4.6740, 14.4180



206.8510, 25.7650, 12.1410



200.1050, -5.2700, -14.6300



197.5830, -29.9830, -12.7910

Sweetspot

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



206.5960, 4.6740, 14.4180



248.5320, 1.5580, 4.8060



202.9420, -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.



206.5960, 4.6740, 14.4180



228.5410, 6.5070, 19.7470



207.3640, 11.1390, 12.8910



104.9450, 1.8330, 5.3290



62.2230, 27.5400, 84.6280



17.1330, 7.8360, 23.1960

Inverse Universe

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



205.6540, 15.9540, 8.2260



227.1710, 21.8680, 11.1800



214.6360, -11.1390, -12.8910



104.5170, 5.9140, 2.9540



56.6140, 93.6610, 48.1970



15.4920, 25.3980, 13.2860

Previews

White Background



This preview shows how the YIQ color 206.5960, 4.6740, 14.4180 looks on a white background.

Color Contrast Check

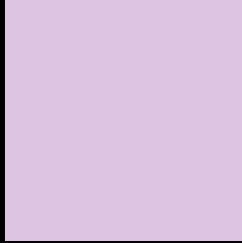
Large Text (above 18pt) WCAG AA × Fail

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 206.5960, 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 206.5960, 4.6740, 14.4180

Background



This preview shows how black text looks on a background with the YIQ color 206.5960, 4.6740, 14.4180.



This preview shows how white text looks on a background with the YIQ color 206.5960, 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

206.5960, 4.6740, 14.4180

Protanopia

204.5940, -10.1800, 8.2840

Deuteranopia

205.9760, 0.5480, 12.1000



Tritanopia

205.8040, 6.7840, 9.2160

Trichromacy



Original Color

206.5960, 4.6740, 14.4180

Protanomaly

205.3990, -5.1370, 10.5030

Deuteranomaly

205.9870, 2.0150, 13.0470

Tritanomaly

205.9720, 6.3710, 11.1950

Monochromacy



Original Color

206.5960, 4.6740, 14.4180

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.5960, 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(220, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 226)  
}
```

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(220, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 226) }
```

Border

The CSS property to change the border of an element to YIQ 206.5960, 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(220, 196, 226) }
```


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

```
.border{ border-color:rgb(220, 196, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 196, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 196, 226);  
box-shadow:4px 4px 4px 4px rgb(220, 196,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 206.5960, 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(220, 196, 226) }
```

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

```
.background{ background-color: rgb(220,  
196, 226) }
```

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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