

Converting Colors

YIQ(209.4100, -3.6700, 11.4500)

Have a look what the booklet for
YIQ(209.4100, -3.6700, 11.4500)
contains.

YIQ(209.4100, -3.6700, 11.4500)	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(209.4100, -3.6700,
11.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CBE9
RGB	213, 203, 233
RGB Percent	84%, 80%, 91%
CMY	0.1647, 0.2039, 0.0863
CMYK	0.09, 0.13, 0.00, 0.09
HSL	260°, 41%, 85%
HSV	260°, 13%, 91%
XYZ	63.5053, 62.7403, 85.8466
YIQ	209.4100, -3.6700, 11.4500

Conversions

Conversions Part 2

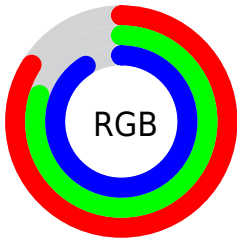
Format	Color
R _Y B	213, 203, 233
Decimal	14011369
CIE Lab	83.31, 9.07, -13.55
CIE LCh	83, 16.305, 303.807
Yxy	62.7403, 0.2994, 0.2958
Android (android.graphics.Color)	4292201449 (0xFFD5CBE9)
YUV	209.4100, 11.6299, 3.1484
Hunter-Lab	79.2088, 4.4962, -8.8124

Details

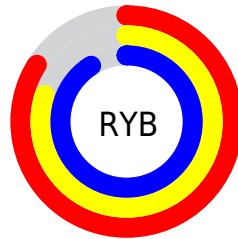
The YIQ color $209.4100, -3.6700, 11.4500$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $226.5900, 3.6700, -11.4500$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $154.8830, -3.6240, 10.6160$ is the 20% darker color. If you saturate the color by 10%, you get $191.1250, -6.8810, 20.0870$, and if you desaturate by 10%, it is $227.6950, -0.4590, 2.8130$.

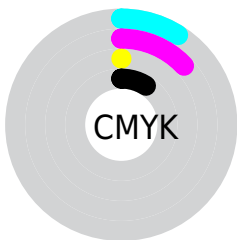
Distribution



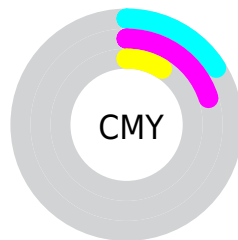
- Red (84%)
- Green (80%)
- Blue (91%)



- Red (84%)
- Yellow (80%)
- Blue (91%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.4100, -3.6700, 11.4500 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 209.4100, -3.6700, 11.4500 by changing the saturation by 10% instead.

■ 209.4100, -3.6700,
11.4500

■ 209.4100, -3.6700,
11.4500

255.0000, -0.0000,
-0.0000

■ 181.9970, -3.9450,
10.9270

■ 154.8830, -3.6240,
10.6160

■ 128.8830, -3.6240,
10.6160

■ 103.7690, -3.3030,
10.3050

■ 79.3560, -3.5780,
9.7820

■ 56.8290, -3.5320,
8.9480

■ 35.3020, -3.4860,

8.1140

■ 12.5520, -1.1940,
10.6300

■ 0.5700, -1.6050,
1.5550

■ 209.4100, -3.6700,
11.4500

■ 209.4100, -3.6700,
11.4500

■ 191.1250, -6.8810,
20.0870

■ 227.6950, -0.4590,
2.8130

■ 172.5520, -9.2210,
29.4590

■ 246.2680, 1.8810,
-6.5590

■ 154.2670,
-12.4320, 38.0960

■ 252.4920, 7.0620,
-6.8420

■ 136.2810,
-15.0470, 46.9450

■ 117.9960,
-18.2580, 55.5820

■ 99.4230, -20.5980,
64.9540

■ 81.1380, -23.8090,
73.5910

■ 63.1520, -26.4240,
82.4400

■ 49.8840, -28.3050,
88.9990

Harmonies

Analogous

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



206.9350, -18.5700, 6.1500



209.4100, -3.6700, 11.4500



210.7770, 11.4140, 13.4140

Triad

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



209.4100, -3.6700, 11.4500



208.5760, 24.6210, -0.1710



202.3340, -24.8480, -12.2400

Complementary

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



209.4100, -3.6700, 11.4500



226.5900, 3.6700, -11.4500

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.



203.3370, -11.7350, -13.1030



209.4100, -3.6700, 11.4500



206.8690, 16.1860, -6.9980

Square

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



209.4100, -3.6700, 11.4500



209.7600, 27.2790, 6.7270



205.2910, 3.0740, -11.6620



202.5600, -31.1760, -7.6880

Rectangle

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



209.4100, -3.6700, 11.4500



210.5560, 19.3460, 12.8340



205.2910, 3.0740, -11.6620



202.3730, -20.5840, -12.4240

Sweetspot

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



209.4100, -3.6700, 11.4500



247.0370, -1.4220, 3.7460



218.1600, -15.1300, -1.1300



122.3960, -1.0550, 2.6010



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.



209.4100, -3.6700, 11.4500



225.2190, -4.4500, 14.5740



213.8950, 5.2700, 14.6300



108.1510, -1.7430, 4.0570



38.5740, -22.3410, 69.0110



11.5380, -6.6060, 20.6100

Inverse Universe

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



214.2500, 11.4600, 12.5800



231.2120, 14.6230, 15.8310



222.1050, -5.2700, -14.6300



110.0870, 4.3090, 4.5090



67.9130, 69.0350, 76.0030



20.2500, 20.6280, 22.6440

Previews

White Background



This preview shows how the YIQ color 209.4100, -3.6700, 11.4500 looks on a white background.

Color Contrast Check

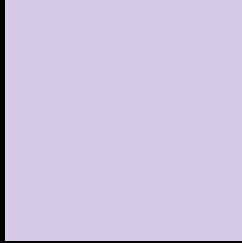
Large Text (above 18pt) WCAG AA × Fail

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 209.4100, -3.6700, 11.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

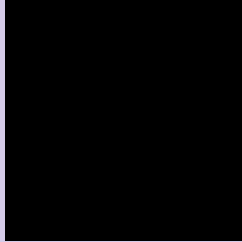
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.4100, -3.6700, 11.4500

Background



This preview shows how black text looks on a background with the YIQ color 209.4100, -3.6700, 11.4500.



This preview shows how white text looks on a background with the YIQ color 209.4100, -3.6700,

11.4500.

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

209.4100, -3.6700, 11.4500

Protanopia

208.4090, -11.0970, 8.3830

Deuteranopia

209.7200, -1.6070, 12.6090



Tritanopia

208.6180, -1.5600, 6.2480

Trichromacy



Original Color

209.4100, -3.6700, 11.4500

Protanomaly

208.9040, -8.1170, 9.4430

Deuteranomaly

209.4210, -2.2030, 12.3970

Tritanomaly

208.7860, -1.9730, 8.2270

Monochromacy



Original Color

209.4100, -3.6700, 11.4500

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1510, -1.7430, 4.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.4100, -3.6700, 11.4500 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, 203, 233)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 233)  
}
```

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, 203, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 233) }
```

Border

The CSS property to change the border of an element to YIQ 209.4100, -3.6700, 11.4500 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, 203, 233) }
```


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

```
.border{ border-color:rgb(213, 203, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 203, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 233);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 209.4100, -3.6700, 11.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 233) }
```

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

```
.background{ background-color: rgb(213,  
203, 233) }
```

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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