

Converting Colors

YIQ(209.6040, -6.9720, 16.2280)

Have a look what the booklet for
YIQ(209.6040, -6.9720, 16.2280)
contains.

- YIQ(209.6040, -6.9720, 16.2280) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**YIQ(209.6040, -6.9720,
16.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C9F5
RGB	213, 201, 245
RGB Percent	84%, 79%, 96%
CMY	0.1646, 0.2118, 0.0393
CMYK	0.13, 0.18, 0.00, 0.04
HSL	256°, 69%, 87%
HSV	256°, 18%, 96%
XYZ	64.8092, 62.5109, 95.0236
YIQ	209.6040, -6.9720, 16.2280

Conversions

Conversions Part 2

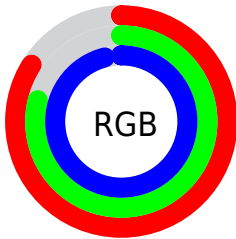
Format	Color
R _Y B	213, 201, 245
Decimal	14010869
CIE Lab	83.18, 12.57, -20.12
CIE LCh	83, 23.721, 301.988
Yxy	62.5109, 0.2915, 0.2811
Android (android.graphics.Color)	4292200949 (0xFFD5C9F5)
YUV	209.6040, 17.4502, 2.9783
Hunter-Lab	79.0638, 7.9562, -15.9136

Details

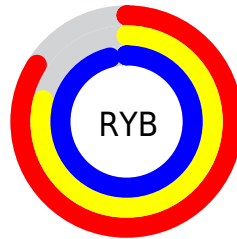
The YIQ color $209.6040, -6.9720, 16.2280$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $236.3960, 6.9720, -16.2280$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $155.0770, -6.9260, 15.3940$ is the 20% darker color. If you saturate the color by 10%, you get $190.1340, -11.1000, 24.9640$, and if you desaturate by 10%, it is $229.0740, -2.8440, 7.4920$.

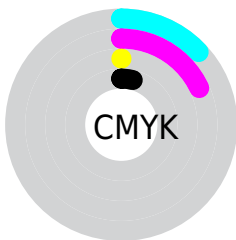
Distribution



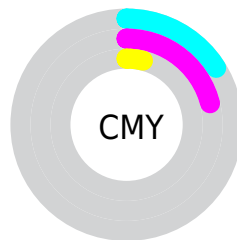
- Red (84%)
- Green (79%)
- Blue (96%)



- Red (84%)
- Yellow (79%)
- Blue (96%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.6040, -6.9720, 16.2280 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 209.6040, -6.9720, 16.2280 by changing the saturation by 10% instead.

■ 209.6040, -6.9720,
16.2280

■ 209.6040, -6.9720,
16.2280

255.0000, -0.0000,
-0.0000

■ 182.0770, -6.9260,
15.3940

■ 155.0770, -6.9260,
15.3940

■ 128.9630, -6.6050,
15.0830

■ 103.4360, -6.5590,
14.2490

■ 79.9090, -6.5130,
13.4150

■ 56.3820, -6.4670,
12.5810

■ 34.5560, -7.0170,

11.5350

■ 11.6920, -4.4040,
13.7400

■ 2.6390, -6.0530,
5.0750

■ 209.6040, -6.9720,
16.2280

■ 209.6040, -6.9720,
16.2280

■ 190.1340,
-11.1000, 24.9640

■ 229.0740, -2.8440,
7.4920

■ 170.0770,
-14.9530, 34.2230

■ 249.1310, 1.0090,
-1.7670

■ 150.9060,
-18.4850, 43.1710

■ 253.8600, 3.2100,
-3.1100

■ 130.8490,
-22.3380, 52.4300

■ 111.3790,
-26.4660, 61.1660

■ 91.3220, -30.3190,
70.4250

■ 71.8520, -34.4470,
79.1610

■ 52.0940, -37.7040,
88.6320

■ 47.9630, -38.7130,
90.3990

Harmonies

Analogous

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



206.0140, -28.9780, 7.5500



209.6040, -6.9720, 16.2280



211.1460, 14.9890, 20.2130

Triad

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



209.6040, -6.9720, 16.2280



208.4370, 35.2580, -0.2140



198.5990, -36.0800, -17.9360

Complementary

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



209.6040, -6.9720, 16.2280



236.3960, 6.9720, -16.2280

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.



200.8970, -16.5480, -19.4920



209.6040, -6.9720, 16.2280



206.1810, 23.9350, -9.7690

Square

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



209.6040, -6.9720, 16.2280



210.0280, 38.3280, 10.2320



203.4990, 5.1840, -16.8640



198.4270, -47.0390, -12.0550

Rectangle

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



209.6040, -6.9720, 16.2280



211.2520, 26.3140, 18.7140



203.4990, 5.1840, -16.8640



199.1820, -30.5320, -19.3640

Sweetspot

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



209.6040, -6.9720, 16.2280



244.6780, -1.7890, 4.8910



224.8000, -22.9240, -3.0520



121.5100, -1.3760, 2.9120



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.



209.6040, -6.9720, 16.2280



209.8690, -9.0360, 20.5960



216.1820, 6.1400, 20.8920



112.5640, -1.4680, 4.5800



36.4530, -29.3100, 68.6580



11.5100, -9.4030, 21.7410

Inverse Universe

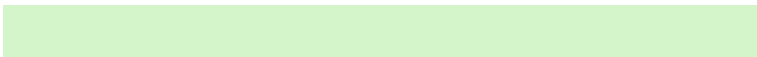
The Inverse Universe completely reimagines the original color for something new.



217.8040, 15.9520, 19.2800



220.4180, 20.2150, 24.6230



229.8180, -6.1400, -20.8920



114.6140, 4.2630, 5.3430



71.0040, 67.5210, 81.4170



22.5430, 21.3610, 25.8810

Previews

White Background



This preview shows how the YIQ color 209.6040, -6.9720, 16.2280 looks on a white background.

Color Contrast Check

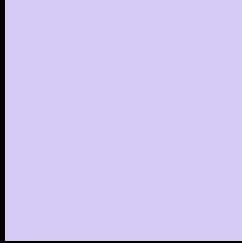
Large Text (above 18pt) WCAG AA × Fail

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 209.6040, -6.9720, 16.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

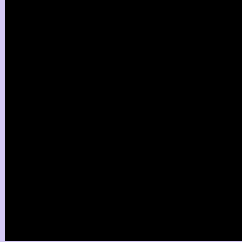
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.6040, -6.9720, 16.2280

Background



This preview shows how black text looks on a background with the YIQ color 209.6040, -6.9720, 16.2280.

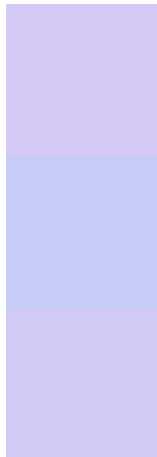


This preview shows how white text looks on a background with the YIQ color 209.6040, -6.9720,

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

209.6040, -6.9720, 16.2280

Protanopia

207.8090, -17.9750, 11.8890

Deuteranopia

208.9950, -9.6310, 14.8570



Tritanopia

208.0200, -2.7520, 5.8240

Trichromacy



Original Color

209.6040, -6.9720, 16.2280

Protanomaly

208.6030, -14.3990, 13.1610

Deuteranomaly

209.2940, -9.0350, 15.0690

Tritanomaly

208.7580, -4.7700, 9.3580

Monochromacy



Original Color

209.6040, -6.9720, 16.2280

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0200, -2.7520, 5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.6040, -6.9720, 16.2280 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, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 245)  
}
```

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, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 245) }
```

Border

The CSS property to change the border of an element to YIQ 209.6040, -6.9720, 16.2280 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, 201, 245) }
```


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

```
.border{ border-color:rgb(213, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 209.6040, -6.9720, 16.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 245) }
```

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

```
.background{ background-color: rgb(213,  
201, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor