

Converting Colors

YIQ(205.5220, -9.6770, 15.6910)

Have a look what the booklet for
YIQ(205.5220, -9.6770, 15.6910)
contains.

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Color

**YIQ(205.5220, -9.6770,
15.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC6F3
RGB	206, 198, 243
RGB Percent	81%, 78%, 95%
CMY	0.1921, 0.2235, 0.0471
CMYK	0.15, 0.19, 0.00, 0.05
HSL	251°, 65%, 86%
HSV	251°, 19%, 95%
XYZ	61.8251, 59.9801, 93.0980
YIQ	205.5220, -9.6770, 15.6910

Conversions

Conversions Part 2

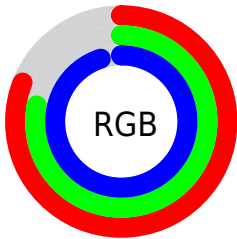
Format	Color
R _Y B	206, 198, 243
Decimal	13551347
CIE Lab	81.83, 11.55, -21.16
CIE LCh	82, 24.108, 298.637
Yxy	59.9801, 0.2877, 0.2791
Android (android.graphics.Color)	4291741427 (0xFFCEC6F3)
YUV	205.5220, 18.4767, 0.4192
Hunter-Lab	77.4469, 6.9629, -17.0591

Details

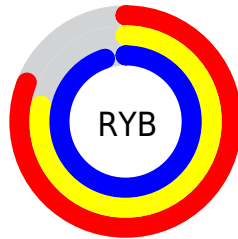
The YIQ color $205.5220, -9.6770, 15.6910$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $235.4780, 9.6770, -15.6910$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $150.9950, -9.6310, 14.8570$ is the 20% darker color. If you saturate the color by 10%, you get $185.4540, -14.9970, 24.0030$, and if you desaturate by 10%, it is $225.5900, -4.3570, 7.3790$.

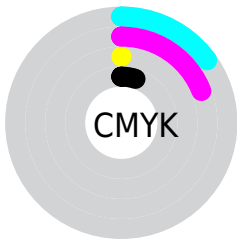
Distribution



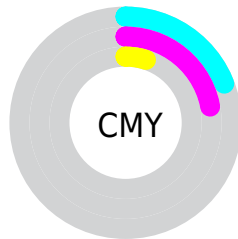
- Red (81%)
- Green (78%)
- Blue (95%)



- Red (81%)
- Yellow (78%)
- Blue (95%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.5220, -9.6770, 15.6910 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 205.5220, -9.6770, 15.6910 by changing the saturation by 10% instead.

■ 205.5220, -9.6770,
15.6910

■ 205.5220, -9.6770,
15.6910

255.0000, -0.0000,
-0.0000

■ 178.1090, -9.9520,
15.1680

■ 150.9950, -9.6310,
14.8570

■ 125.4680, -9.5850,
14.0230

■ 100.2400, -8.9430,
13.4010

■ 75.8270, -9.2180,
12.8780

■ 53.3000, -9.1720,
12.0440

■ 31.3600, -9.4010,

10.6870

■ 7.1370, -7.1550,
14.0370

■ 2.4110, -5.4110,
4.4530

■ 205.5220, -9.6770,
15.6910

■ 205.5220, -9.6770,
15.6910

■ 185.4540,
-14.9970, 24.0030

■ 225.5900, -4.3570,
7.3790

■ 164.7990,
-20.0420, 32.8380

■ 246.2450, 0.6880,
-1.4560

■ 144.7310,
-25.3620, 41.1500

■ 253.6320, 3.8520,
-3.7320

■ 124.6630,
-30.6820, 49.4620

■ 104.5950,
-36.0020, 57.7740

■ 83.9400, -41.0470,
66.6090

■ 63.8720, -46.3670,
74.9210

■ 43.8040, -51.6870,
83.2330

■ 40.5590, -52.3750,
84.6890

Harmonies

Analogous

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



201.8180, -31.3620, 6.7020



205.5220, -9.6770, 15.6910



207.3630, 12.8800, 19.8880

Triad

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



205.5220, -9.6770, 15.6910



204.5620, 36.4040, 1.0440



194.6700, -34.8420, -18.3460

Complementary

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



205.5220, -9.6770, 15.6910



235.4780, 9.6770, -15.6910

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.



197.1530, -14.3930, -20.0010



205.5220, -9.6770, 15.6910



202.9640, 26.0440, -9.4440

Square

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



205.5220, -9.6770, 15.6910



206.5550, 38.2820, 11.0660



200.1680, 7.6140, -16.8500



194.1880, -47.8640, -13.6240

Rectangle

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



205.5220, -9.6770, 15.6910



207.2950, 24.7550, 19.4350



200.1680, 7.6140, -16.8500



195.5520, -28.6980, -19.5620

Sweetspot

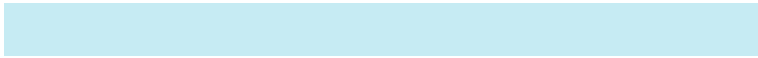
The Sweet Spot groups the original color and five complimentary colors.



205.5220, -9.6770, 15.6910



242.3080, -3.6230, 5.0890



224.8490, -24.6200, -5.3560



120.3250, -2.2930, 3.0110



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.



205.5220, -9.6770, 15.6910



208.3740, -12.0160, 19.5360



212.1000, 3.4350, 20.3550



111.9660, -2.6600, 4.1560



31.0710, -40.0380, 64.8420



9.7160, -12.9790, 20.4690

Inverse Universe

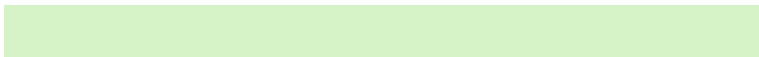
The Inverse Universe completely reimagines the original color for something new.



215.6730, 14.9430, 21.0470



220.9880, 18.6100, 26.1780



228.9000, -3.4350, -20.3550



114.7280, 3.9420, 5.6540



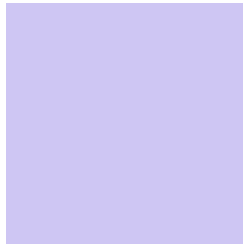
73.0560, 61.7430, 87.0150



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 205.5220, -9.6770, 15.6910 looks on a white background.

Color Contrast Check

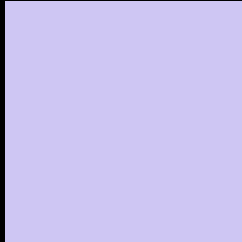
Large Text (above 18pt) WCAG AA × Fail

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 205.5220, -9.6770, 15.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

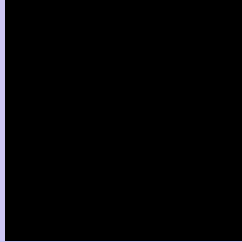
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.5220, -9.6770, 15.6910

Background



This preview shows how black text looks on a background with the YIQ color 205.5220, -9.6770, 15.6910.



This preview shows how white text looks on a background with the YIQ color 205.5220, -9.6770,

15.6910.

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

205.5220, -9.6770, 15.6910

Protanopia

204.5100, -18.5710, 11.6770

Deuteranopia

205.5110, -11.1440, 14.7440



Tritanopia

203.8240, -5.1360, 4.9760

Trichromacy



Original Color

205.5220, -9.6770, 15.6910

Protanomaly

205.0050, -15.5910, 12.7370

Deuteranomaly

205.8100, -10.5480, 14.9560

Tritanomaly

204.5620, -7.1540, 8.5100

Monochromacy



Original Color

205.5220, -9.6770, 15.6910

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.7210, -3.3480, 5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.5220, -9.6770, 15.6910 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, 198, 243)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 243)  
}
```

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, 198, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 243) }
```

Border

The CSS property to change the border of an element to YIQ 205.5220, -9.6770, 15.6910 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, 198, 243) }
```


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

```
.border{ border-color:rgb(206, 198, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 243);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 205.5220, -9.6770, 15.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 243) }
```

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

```
.background{ background-color: rgb(206,  
198, 243) }
```

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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