

Converting Colors

YIQ(215.7060, -16.1870,
12.5250)

Have a look what the booklet for
YIQ(215.7060, -16.1870, 12.5250)
contains.

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Color

**YIQ(215.7060, -16.1870,
12.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D4FF
RGB	208, 212, 255
RGB Percent	82%, 83%, 100%
CMY	0.1843, 0.1686, 0.0001
CMYK	0.18, 0.17, 0.00, 0.00
HSL	235°, 100%, 91%
HSV	235°, 18%, 100%
XYZ	67.6036, 67.7168, 104.0943
YIQ	215.7060, -16.1870, 12.5250

Conversions

Conversions Part 2

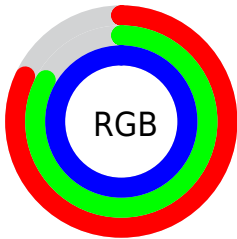
Format	Color
R _Y B	208, 212, 255
Decimal	13686015
CIE Lab	85.86, 7.25, -21.40
CIE LCh	86, 22.590, 288.717
Yxy	67.7168, 0.2824, 0.2828
Android (android.graphics.Color)	4291876095 (0xFFD0D4FF)
YUV	215.7060, 19.3719, -6.7582
Hunter-Lab	82.2902, 2.6346, -17.3967

Details

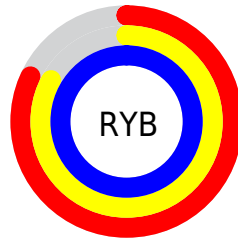
The YIQ color $215.7060, -16.1870, 12.5250$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $247.2940, 16.1870, -12.5250$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.4780, -15.5450, 11.9030$ is the 20% darker color. If you saturate the color by 10%, you get $194.7300, -24.7620, 19.2540$, and if you desaturate by 10%, it is $236.9810, -7.0160, 6.0080$.

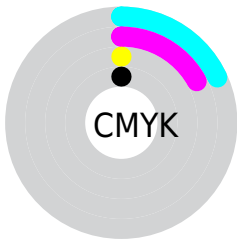
Distribution



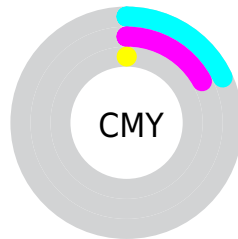
- Red (82%)
- Green (83%)
- Blue (100%)



- Red (82%)
- Yellow (83%)
- Blue (100%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.7060, -16.1870, 12.5250 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 215.7060, -16.1870, 12.5250 by changing the saturation by 10% instead.

■ 215.7060,
-16.1870, 12.5250

■ 215.7060,
-16.1870, 12.5250

255.0000, -0.0000,
-0.0000

■ 187.5920,
-15.8660, 12.2140

■ 160.4780,
-15.5450, 11.9030

■ 134.3640,
-15.2240, 11.5920

■ 108.8370,
-15.1780, 10.7580

■ 84.3100, -15.1320,
9.9240

■ 61.1960, -14.8110,
9.6130

■ 38.9570, -15.6360,

8.0440

■ 17.1310, -16.1860,
6.9980

■ 3.5510, -8.6210,
7.5630

■ 215.7060,
-16.1870, 12.5250

■ 215.7060,
-16.1870, 12.5250

■ 194.7300,
-24.7620, 19.2540

■ 236.9810, -7.0160,
6.0080

■ 172.8680,
-33.6580, 26.2940

255.0000, -0.0000,
-0.0000

■ 151.8920,
-42.2330, 33.0230

■ 130.6170,
-51.4040, 39.5400

■ 109.0540,
-59.7040, 46.7920

■ 87.7790, -68.8750,
53.3090

■ 66.8030, -77.4500,
60.0380

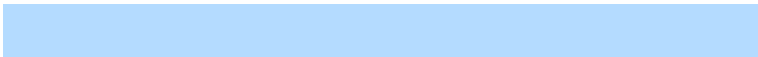
■ 44.9410, -86.3460,
67.0780

■ 41.9840, -87.9050,
67.7990

Harmonies

Analogous

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



211.4430, -34.8000, 2.9280



215.7060, -16.1870, 12.5250



218.3020, 5.6820, 18.1780

Triad

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



215.7060, -16.1870, 12.5250



216.5560, 36.5410, 4.0690



207.5630, -27.2310, -18.6150

Complementary

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



215.7060, -16.1870, 12.5250



247.2940, 16.1870, -12.5250

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.



209.8120, -6.0030, -17.8670



215.7060, -16.1870, 12.5250



215.0400, 28.8860, -5.8820

Square

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



215.7060, -16.1870, 12.5250



216.6730, 32.1380, 12.2820



212.6850, 13.5280, -13.8960



206.1840, -42.0410, -14.5290

Rectangle

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



215.7060, -16.1870, 12.5250



219.0600, 18.1070, 18.7710



212.6850, 13.5280, -13.8960



208.2710, -20.5370, -18.7850

Sweetspot

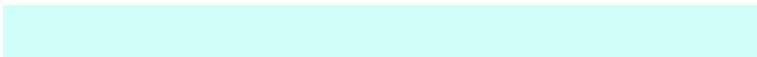
The Sweet Spot groups the original color and five complimentary colors.



215.7060, -16.1870, 12.5250



242.2970, -5.0900, 4.1420



240.3770, -26.4070, -11.5190



120.0260, -2.8890, 2.7990



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.



215.7060, -16.1870, 12.5250



208.3190, -19.3510, 14.8010



219.0390, -3.7630, 18.6450



117.0690, -4.4480, 3.5200



31.1660, -65.7110, 51.0330



10.2310, -21.9190, 17.2890

Inverse Universe

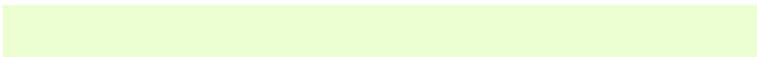
The Inverse Universe completely reimagines the original color for something new.



222.5090, 26.7280, 11.2080



216.3140, 31.7710, 13.4270



243.9610, 3.7630, -18.6450



119.0010, 7.4270, 3.0670



58.9330, 108.7000, 45.4680



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 215.7060, -16.1870, 12.5250 looks on a white background.

Color Contrast Check

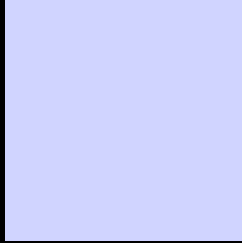
Large Text (above 18pt) WCAG AA × Fail

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 215.7060, -16.1870, 12.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

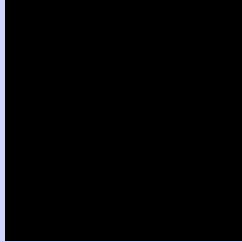
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.7060, -16.1870, 12.5250

Background



This preview shows how black text looks on a background with the YIQ color 215.7060, -16.1870, 12.5250.



This preview shows how white text looks on a background with the YIQ color 215.7060, -16.1870,

12.5250.

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

215.7060, -16.1870, 12.5250

Protanopia

215.6950, -17.6540, 11.5780

Deuteranopia

216.6250, -11.4650, 15.0550



Tritanopia

214.3500, -12.6090, 2.7430

Trichromacy



Original Color

215.7060, -16.1870, 12.5250

Protanomaly

215.9940, -17.0580, 11.7900

Deuteranomaly

216.3150, -13.5280, 13.8960

Tritanomaly

214.9740, -14.3060, 5.9660

Monochromacy



Original Color

215.7060, -16.1870, 12.5250

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7060, -16.1870, 12.5250 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(208, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 255)  
}
```

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(208, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 255) }
```

Border

The CSS property to change the border of an element to YIQ 215.7060, -16.1870, 12.5250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

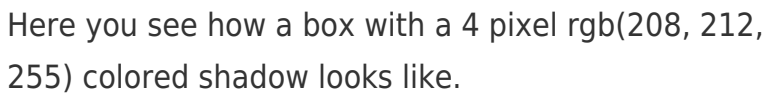
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 212, 255) }
```


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

```
.border{ border-color:rgb(208, 212, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7060, -16.1870, 12.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 255) }
```

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

```
.background{ background-color: rgb(208,  
212, 255) }
```

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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