

Converting Colors

YIQ(212.0750, -21.7800, 9.2600)

Have a look what the booklet for
YIQ(212.0750, -21.7800, 9.2600)
contains.

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Color

**YIQ(212.0750, -21.7800,
9.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D4FC
RGB	197, 212, 252
RGB Percent	77%, 83%, 99%
CMY	0.2275, 0.1686, 0.0119
CMYK	0.22, 0.16, 0.00, 0.01
HSL	224°, 90%, 88%
HSV	224°, 22%, 99%
XYZ	64.1363, 65.9865, 101.4269
YIQ	212.0750, -21.7800, 9.2600

Conversions

Conversions Part 2

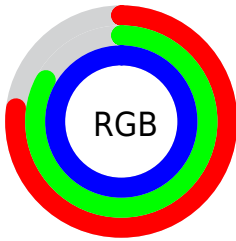
Format	Color
R _Y B	197, 209, 252
Decimal	12965116
CIE Lab	84.99, 3.26, -21.21
CIE LCh	85, 21.455, 278.730
Yxy	65.9865, 0.2770, 0.2850
Android (android.graphics.Color)	4291155196 (0xFFC5D4FC)
YUV	212.0750, 19.6830, -13.2208
Hunter-Lab	81.2321, -1.2226, -17.1674

Details

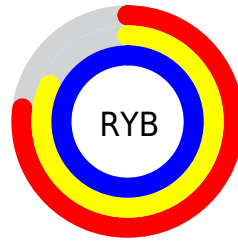
The YIQ color $212.0750, -21.7800, 9.2600$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $236.9250, 21.7800, -9.2600$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $157.4340, -21.4130, 8.1150$ is the 20% darker color. If you saturate the color by 10%, you get $194.0340, -31.7300, 13.3740$, and if you desaturate by 10%, it is $230.1160, -11.8300, 5.1460$.

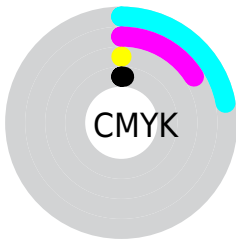
Distribution



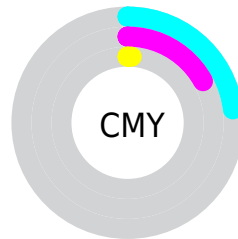
- Red (77%)
- Green (83%)
- Blue (99%)



- Red (77%)
- Yellow (82%)
- Blue (99%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.0750, -21.7800, 9.2600 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 212.0750, -21.7800, 9.2600 by changing the saturation by 10% instead.

■ 212.0750,
-21.7800, 9.2600

■ 212.0750,
-21.7800, 9.2600

255.0000, -0.0000,
-0.0000

■ 183.9610,
-21.4590, 8.9490

254.7010, -0.5960,
-0.2120

■ 157.4340,
-21.4130, 8.1150

■ 130.7330,
-20.8170, 8.3270

■ 105.6190,
-20.4960, 8.0160

■ 81.0920, -20.4500,
7.1820

■ 57.5650, -20.4040,
6.3480

■ 35.1410, -22.1460,

4.8780

■ 15.1090, -19.1200,
5.1040

■ 3.3230, -7.9790,
6.9410

■ 212.0750,
-21.7800, 9.2600

■ 212.0750,
-21.7800, 9.2600

■ 194.0340,
-31.7300, 13.3740

■ 230.1160,
-11.8300, 5.1460

■ 175.4060,
-41.4050, 18.0110

■ 248.7440, -2.1550,
0.5090

■ 157.0660,
-51.9510, 21.9130

■ 254.6580, 0.9630,
-0.9330

■ 139.0250,
-61.9010, 26.0270

■ 120.3970,
-71.5760, 30.6640

■ 102.3560,
-81.5260, 34.7780

■ 84.3150, -91.4760,
38.8920

■ 69.2310, -99.8670,
42.2850

Harmonies

Analogous

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



207.7800, -37.3670, -0.1110



212.0750, -21.7800, 9.2600



214.8280, -1.7910, 15.9450

Triad

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



212.0750, -21.7800, 9.2600



214.4790, 35.4400, 7.5040



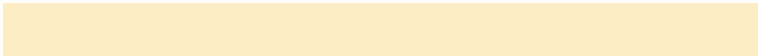
206.2820, -19.0700, -17.8380

Complementary

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



212.0750, -21.7800, 9.2600



236.9250, 21.7800, -9.2600

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.



208.5740, 0.5990, -16.3690



212.0750, -21.7800, 9.2600



212.9310, 30.8110, -2.2210

Square

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



212.0750, -21.7800, 9.2600



215.7700, 30.4870, 14.6710



211.0170, 18.5250, -10.8430



204.4790, -35.6220, -15.2220

Rectangle

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



212.0750, -21.7800, 9.2600



215.8250, 11.4590, 18.1070



211.0170, 18.5250, -10.8430



207.1040, -12.6970, -17.6970

Sweetspot

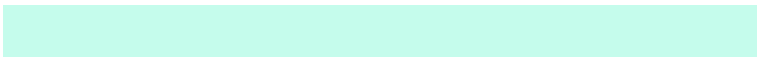
The Sweet Spot groups the original color and five complimentary colors.



212.0750, -21.7800, 9.2600



241.9870, -7.1530, 2.9830



233.7310, -27.6440, -16.6360



120.0150, -4.3560, 1.8520



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.



212.0750, -21.7800, 9.2600



207.0900, -26.1360, 11.1120



206.8580, -10.5030, 19.6490



115.8300, -5.2730, 1.9510



52.0700, -74.9690, 31.5830



16.9330, -24.2560, 10.0800

Inverse Universe

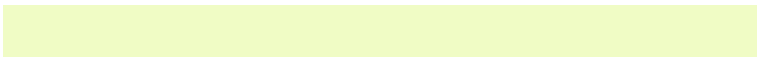
The Inverse Universe completely reimagines the original color for something new.



215.1550, 27.9650, 16.3250



210.7860, 33.5580, 19.5900



242.1420, 10.5030, -19.6490



116.3430, 6.4640, 4.0000



62.4390, 95.9520, 56.2400



20.1770, 30.8990, 18.2190

Previews

White Background



This preview shows how the YIQ color 212.0750, -21.7800, 9.2600 looks on a white background.

Color Contrast Check

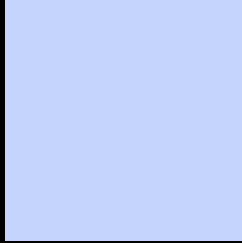
Large Text (above 18pt) WCAG AA × Fail

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 212.0750, -21.7800, 9.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

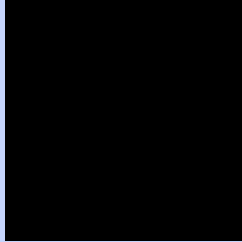
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.0750, -21.7800, 9.2600

Background



This preview shows how black text looks on a background with the YIQ color 212.0750, -21.7800, 9.2600.



This preview shows how white text looks on a background with the YIQ color 212.0750, -21.7800,

9.2600.

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

212.0750, -21.7800, 9.2600

Protanopia

212.8800, -16.7370, 11.4790

Deuteranopia

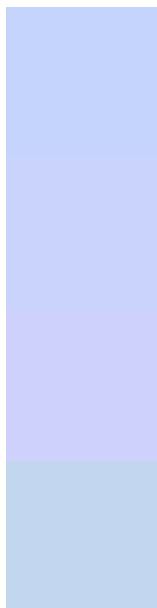
213.7390, -11.7860, 15.3660



Tritanopia

210.3600, -18.5690, 0.6230

Trichromacy



Original Color

212.0750, -21.7800, 9.2600

Protanomaly

212.5700, -18.8000, 10.3200

Deuteranomaly

213.4180, -15.3160, 13.2600

Tritanomaly

210.8700, -19.9450, 3.5350

Monochromacy



Original Color

212.0750, -21.7800, 9.2600

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2150, -7.7950, 3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.0750, -21.7800, 9.2600 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(197, 212, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 252)  
}
```

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(197, 212, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 252) }
```

Border

The CSS property to change the border of an element to YIQ 212.0750, -21.7800, 9.2600 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(197, 212, 252) }
```


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

```
.border{ border-color:rgb(197, 212, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 252);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 212.0750, -21.7800, 9.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 252) }
```

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

```
.background{ background-color: rgb(197,  
212, 252) }
```

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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