

Converting Colors

YIQ(122.4210, -44.6200,
48.7560)

Have a look what the booklet for
YIQ(122.4210, -44.6200, 48.7560)
contains.

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Color

**YIQ(122.4210, -44.6200,
48.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	6E67FF
RGB	110, 103, 255
RGB Percent	43%, 40%, 100%
CMY	0.5685, 0.5961, 0.0003
CMYK	0.57, 0.60, 0.00, 0.00
HSL	243°, 100%, 70%
HSV	243°, 60%, 100%
XYZ	29.3218, 20.2320, 96.9040
YIQ	122.4210, -44.6200, 48.7560

Conversions

Conversions Part 2

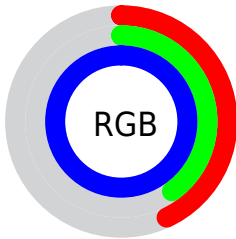
Format	Color
RYB	110, 103, 255
Decimal	7235583
CIELab	52.10, 44.32, -74.97
CIELCh	52, 87.088, 300.591
Yxy	20.2320, 0.2002, 0.1381
Android (android.graphics.Color)	4285425663 (0xFF6E67FF)
YUV	122.4210, 65.3614, -10.8932
Hunter-Lab	44.9800, 37.6468, -96.2474

Details

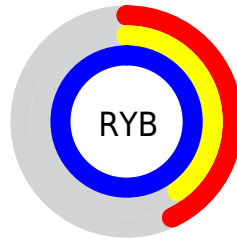
The YIQ color $122.4210, -44.6200, 48.7560$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $235.5790, 44.6200, -48.7560$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $171.4830, -21.9680, 34.7040$, and $64.9090, -58.0980, 39.7100$ is the 20% darker color. If you saturate the color by 10%, you get $100.5700, -52.0490, 56.7430$, and if you desaturate by 10%, it is $144.2720, -37.1910, 40.7690$.

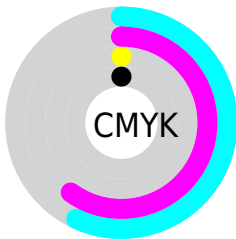
Distribution



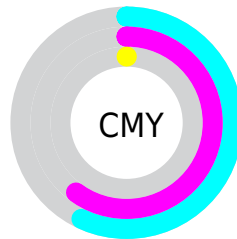
- Red (43%)
- Green (40%)
- Blue (100%)



- Red (43%)
- Yellow (40%)
- Blue (100%)



- Cyan (57%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4210, -44.6200, 48.7560 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 122.4210, -44.6200, 48.7560 by changing the saturation by 10% instead.

■ 122.4210,
-44.6200, 48.7560

■ 122.4210,
-44.6200, 48.7560

■ 255.0000, -0.0000,
-0.0000

■ 95.1600, -48.3790,
45.2930

■ 171.4830,
-21.9680, 34.7040

■ 64.9090, -58.0980,
39.7100

■ 196.6010,
-10.9170, 27.1550

■ 38.6370, -63.3240,
35.3000

■ 221.4200, -0.4620,
19.3940

■ 23.8190, -49.1570,
37.3630

■ 245.0210, 4.6750,
8.8910

■ 13.1100, -36.9150,
35.7650

■ 13.1950, -30.2650,
25.3750

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 122.4210,
-44.6200, 48.7560

■ 122.4210,
-44.6200, 48.7560

■ 100.5700,
-52.0490, 56.7430

■ 144.2720,
-37.1910, 40.7690

■ 77.8330, -59.7990,
65.0410

■ 167.0090,
-29.4410, 32.4710

■ 55.9820, -67.2280,
73.0280

■ 188.8600,
-22.0120, 24.4840

■ 33.5440, -74.3820,
81.5380

■ 211.2980,
-14.8580, 15.9740

■ 32.6580, -74.7030,
81.8490

■ 233.4480, -6.8330,
8.1990

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



107.7280, -118.7050, 9.2230



122.4210, -44.6200, 48.7560



115.1250, 48.1270, 80.4710

Triad

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



122.4210, -44.6200, 48.7560



114.1360, 98.8970, -2.6630



104.5340, -82.1540, -41.9780

Complementary

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



122.4210, -44.6200, 48.7560



235.5790, 44.6200, -48.7560

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.



92.8380, -54.7320, -65.3880



122.4210, -44.6200, 48.7560



116.4640, 55.8500, -32.0060

Square

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



122.4210, -44.6200, 48.7560



96.3090, 119.5650, 52.3090



104.2950, 4.1370, -58.4790



113.6710, -106.5040, -19.1760

Rectangle

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



122.4210, -44.6200, 48.7560



89.2730, 95.1650, 98.0530



104.2950, 4.1370, -58.4790



100.8690, -73.2120, -49.8520

Sweetspot

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



122.4210, -44.6200, 48.7560



214.8420, -13.5740, 14.7300



206.6170, -89.2170, -29.6090



102.9040, -8.1170, 9.4430



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.



122.4210, -44.6200, 48.7560



94.6670, -53.7000, 59.1320



144.5470, -0.5160, 64.4440



116.4820, -4.1730, 4.0430



24.4650, -55.9470, 61.3090



8.1930, -18.7560, 20.5400

Inverse Universe

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



164.9780, 44.0470, 77.3190



145.9660, 53.4890, 93.4330



213.4530, 0.5160, -64.4440



120.2550, 3.8960, 6.4880



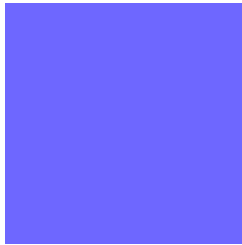
77.8570, 55.4140, 97.0940



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 122.4210, -44.6200, 48.7560 looks on a white background.

Color Contrast Check

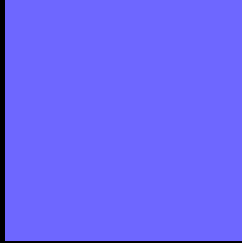
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4210, -44.6200, 48.7560 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 × Fail

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

YIQ 122.4210, -44.6200, 48.7560

Background



This preview shows how black text looks on a background with the YIQ color 122.4210, -44.6200, 48.7560.



This preview shows how white text looks on a background with the YIQ color 122.4210, -44.6200,

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

122.4210, -44.6200, 48.7560

Protanopia

98.6950, -113.9380, 16.4460

Deuteranopia

99.5150, -105.2240, 1.6880



Tritanopia

115.1070, -43.1420, -11.0940

Trichromacy



Original Color

122.4210, -44.6200, 48.7560

Protanomaly

107.2470, -88.7690, 28.3750

Deuteranomaly

107.6740, -83.0820, 18.9180

Tritanomaly

117.9940, -43.4210, 10.4910

Monochromacy



Original Color

122.4210, -44.6200, 48.7560

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.1670, -15.8670, 17.7410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4210, -44.6200, 48.7560 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(110, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 103, 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(110, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 103, 255) }
```

Border

The CSS property to change the border of an element to YIQ 122.4210, -44.6200, 48.7560 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(110, 103, 255) }
```


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

```
.border{ border-color:rgb(110, 103, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 103, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 103, 255); box-shadow:4px 4px 4px 4px rgb(110, 103, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4210, -44.6200, 48.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 103, 255) }
```

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

```
.background{ background-color: rgb(110,  
103, 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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