

Converting Colors

YIQ(112.2000, -27.5200,
58.2400)

Have a look what the booklet for
YIQ(112.2000, -27.5200, 58.2400)
contains.

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Color

**YIQ(112.2000, -27.5200,
58.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	7A52F2
RGB	122, 82, 242
RGB Percent	48%, 32%, 95%
CMY	0.5214, 0.6785, 0.0512
CMYK	0.50, 0.66, 0.00, 0.05
HSL	255°, 86%, 64%
HSV	255°, 66%, 95%
XYZ	27.0672, 16.5805, 85.7314
YIQ	112.2000, -27.5200, 58.2400

Conversions

Conversions Part 2

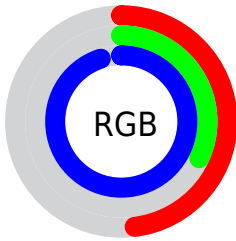
Format	Color
R _Y B	122, 82, 242
Decimal	8016626
CIE Lab	47.73, 54.27, -74.81
CIE LCh	48, 92.420, 305.960
Yxy	16.5805, 0.2092, 0.1282
Android (android.graphics.Color)	4286206706 (0xFF7A52F2)
YUV	112.2000, 63.9914, 8.5946
Hunter-Lab	40.7192, 47.3953, -96.3273

Details

The YIQ color **112.2000, -27.5200, 58.2400** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **211.8000, 27.5200, -58.2400**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1460, -10.2330, 47.8070**, and **56.6180, -34.8090, 52.6710** is the 20% darker color. If you saturate the color by 10%, you get **92.7300, -31.6480, 66.9760**, and if you desaturate by 10%, it is **131.6700, -23.3920, 49.5040**.

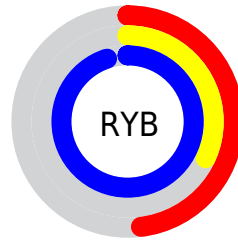
Distribution



Red (48%)

Green (32%)

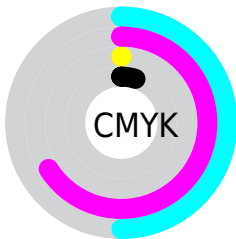
Blue (95%)



Red (48%)

Yellow (32%)

Blue (95%)

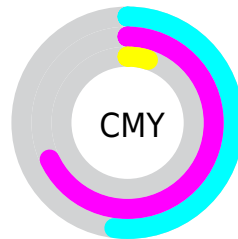


Cyan (50%)

Magenta (66%)

Yellow (0%)

Black (5%)



Cyan (52%)

Magenta (68%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.2000, -27.5200, 58.2400 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 112.2000, -27.5200, 58.2400 by changing the saturation by 10% instead.

■ 112.2000,
-27.5200, 58.2400

■ 112.2000,
-27.5200, 58.2400

■ 255.0000, -0.0000,
-0.0000

■ 84.9500, -29.8120,
55.7240

■ 162.4450, -9.6370,
48.0190

■ 56.6180, -34.8090,
52.6710

■ 187.2640, 0.8180,
40.2580

■ 19.0720, -50.9470,
47.7810

■ 212.0830, 11.2730,
32.4970

■ 14.8200, -41.7300,
40.4300

■ 232.6940, 10.4500,
19.8740

■ 11.8560, -33.3840,
32.3440

■ 249.1300, 2.7500,
5.2300

■ 14.1750, -27.5130,
19.5510

■ 9.2050, -19.0300,

14.4900

■ 4.8220, -10.8220,
8.9060

■ 0.5700, -1.6050,
1.5550

■ 112.2000,
-27.5200, 58.2400

■ 112.2000,
-27.5200, 58.2400

■ 92.7300, -31.6480,
66.9760

■ 131.6700,
-23.3920, 49.5040

■ 73.2600, -35.7760,
75.7120

■ 151.1400,
-19.2640, 40.7680

■ 53.2030, -39.6290,
84.9710

■ 171.1970,
-15.4110, 31.5090

■ 45.8270, -41.3260,
88.1940

■ 190.9660,
-10.6870, 22.9850

■ 210.4360, -6.5590,
14.2490

■ 229.9060, -2.4310,
5.5130

■ 249.3760, 1.6970,
-3.2230

■ 253.5180, 4.1730,
-4.0430

Harmonies

Analogous

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



99.5100, -114.8550, 16.5450



112.2000, -27.5200, 58.2400



83.9790, 69.8100, 100.5140

Triad

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



112.2000, -27.5200, 58.2400



104.6340, 88.6270, -3.7650



98.5330, -80.4130, -34.9810

Complementary

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



112.2000, -27.5200, 58.2400



211.8000, 27.5200, -58.2400

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.



86.9680, -51.9820, -60.1580



112.2000, -27.5200, 58.2400



105.4670, 42.6000, -34.1680

Square

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



112.2000, -27.5200, 58.2400



71.2070, 128.7800, 56.0120



83.1650, -24.9760, -65.0080



107.7840, -105.0840, -11.8680

Rectangle

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



112.2000, -27.5200, 58.2400



85.6400, 101.0810, 89.9530



83.1650, -24.9760, -65.0080



94.7540, -71.1500, -43.1660

Sweetspot

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



112.2000, -27.5200, 58.2400



213.7010, -8.6230, 18.6170



170.6800, -84.3600, -13.0000



102.9260, -5.1830, 11.3370



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.



112.2000, -27.5200, 58.2400



91.8640, -34.7210, 73.1110



136.1200, 20.1600, 75.2000



110.2650, -2.0640, 4.3680



34.7300, -31.6480, 66.9760



10.5700, -9.6320, 20.3840

Inverse Universe

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



143.5200, 56.8400, 71.2400



131.3130, 71.3250, 89.5730



187.8800, -20.1600, -75.2000



112.6140, 4.2630, 5.3430



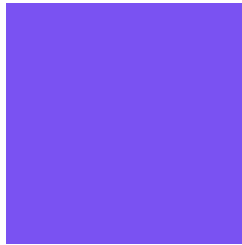
70.7480, 65.3660, 81.9260



21.5320, 19.8940, 24.9340

Previews

White Background



This preview shows how the YIQ color 112.2000, -27.5200, 58.2400 looks on a white background.

Color Contrast Check

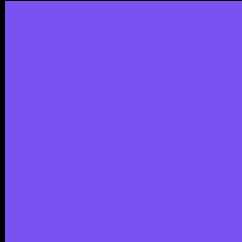
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 112.2000, -27.5200, 58.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

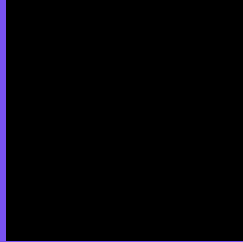
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.2000, -27.5200, 58.2400

Background



This preview shows how black text looks on a background with the YIQ color 112.2000, -27.5200, 58.2400.



This preview shows how white text looks on a background with the YIQ color 112.2000, -27.5200,

58.2400.

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

112.2000, -27.5200, 58.2400

Protanopia

90.2030, -103.8050, 14.5230

Deuteranopia

90.7780, -95.7790, 1.2210



Tritanopia

110.3550, -20.1730, -3.3490

Trichromacy



Original Color

112.2000, -27.5200, 58.2400

Protanomaly

97.9450, -76.1150, 30.3250

Deuteranomaly

98.7140, -71.3910, 21.8010

Tritanomaly

111.1000, -22.9280, 19.0560

Monochromacy



Original Color

112.2000, -27.5200, 58.2400

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0970, -9.6780, 21.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.2000, -27.5200, 58.2400 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(122, 82, 242)` looks like.

```
.text, #text, p{  
    color:rgb(122, 82, 242)  
}
```

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(122, 82, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 82, 242) }
```

Border

The CSS property to change the border of an element to YIQ 112.2000, -27.5200, 58.2400 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(122, 82, 242) }
```


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

```
.border{ border-color:rgb(122, 82, 242) }
```

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

Here you see how a box with a 4 pixel rgb(122, 82, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 82, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 82, 242);  
box-shadow:4px 4px 4px 4px rgb(122, 82,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 112.2000, -27.5200, 58.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 82, 242) }
```

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

```
.background{ background-color: rgb(122, 82,  
242) }
```

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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