

Converting Colors

YIQ(119.5500, -22.9340,
52.2180)

Have a look what the booklet for
YIQ(119.5500, -22.9340, 52.2180)
contains.

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Color

**YIQ(119.5500, -22.9340,
52.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	825CEA
RGB	130, 92, 234
RGB Percent	51%, 36%, 92%
CMY	0.4900, 0.6393, 0.0826
CMYK	0.44, 0.61, 0.00, 0.08
HSL	256°, 77%, 64%
HSV	256°, 61%, 92%
XYZ	27.8826, 18.3386, 79.8734
YIQ	119.5500, -22.9340, 52.2180

Conversions

Conversions Part 2

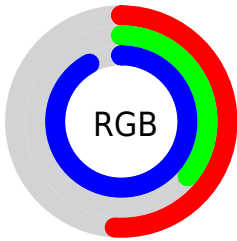
Format	Color
R _Y B	130, 92, 234
Decimal	8543466
CIE Lab	49.90, 48.16, -66.75
CIE LCh	50, 82.306, 305.810
Yxy	18.3386, 0.2211, 0.1454
Android (android.graphics.Color)	4286733546 (0xFF825CEA)
YUV	119.5500, 56.4239, 9.1647
Hunter-Lab	42.8236, 41.2809, -80.6097

Details

The YIQ color **119.5500, -22.9340, 52.2180** 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 **206.4500, 22.9340, -52.2180**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1090, -8.8110, 44.0610**, and **66.3490, -26.9220, 47.3980** is the 20% darker color. If you saturate the color by 10%, you get **100.9660, -26.7410, 60.6430**, and if you desaturate by 10%, it is **138.1340, -19.1270, 43.7930**.

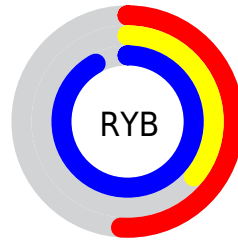
Distribution



Red (51%)

Green (36%)

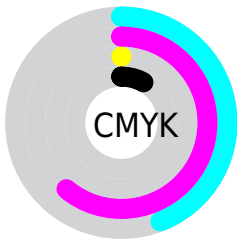
Blue (92%)



Red (51%)

Yellow (36%)

Blue (92%)

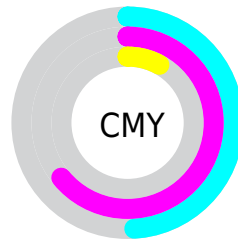


Cyan (44%)

Magenta (61%)

Yellow (0%)

Black (8%)



Cyan (49%)

Magenta (64%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.5500, -22.9340, 52.2180 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 119.5500, -22.9340, 52.2180 by changing the saturation by 10% instead.

■ 119.5500,
-22.9340, 52.2180

■ 119.5500,
-22.9340, 52.2180

■ 255.0000, -0.0000,
-0.0000

■ 92.8980, -24.0340,
50.1260

■ 170.1090, -8.8110,
44.0610

■ 66.3490, -26.9220,
47.3980

■ 194.9280, 1.6440,
36.3000

■ 37.8320, -32.8360,
44.4440

■ 220.3340, 11.8240,
28.0160

■ 14.0220, -39.4830,
38.2530

■ 238.5640, 7.7000,
14.6440

■ 11.0580, -31.1370,
30.1670

■ 11.1430, -24.4870,
19.7770

■ 7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 119.5500,
-22.9340, 52.2180

■ 119.5500,
-22.9340, 52.2180

■ 100.9660,
-26.7410, 60.6430

■ 138.1340,
-19.1270, 43.7930

■ 81.7950, -30.2730,
69.5910

■ 157.3050,
-15.5950, 34.8450

■ 63.2110, -34.0800,
78.0160

■ 175.8890,
-11.7880, 26.4200

■ 45.5130, -37.5660,
86.1300

■ 195.3590, -7.6600,
17.6840

■ 213.9430, -3.8530,
9.2590

■ 232.5270, -0.0460,
0.8340

■ 251.1110, 3.7610,
-7.5910

■ 252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



101.8580, -115.9550, 14.4530



119.5500, -22.9340, 52.2180



106.5620, 57.0220, 78.9580

Triad

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



119.5500, -22.9340, 52.2180



110.2160, 86.7480, -8.2600



101.2230, -82.4760, -36.1400

Complementary

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



119.5500, -22.9340, 52.2180



206.4500, 22.9340, -52.2180

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.



90.9120, -57.5760, -57.8960



119.5500, -22.9340, 52.2180



110.7940, 45.9930, -35.0870

Square

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



119.5500, -22.9340, 52.2180



99.1360, 109.2060, 36.2940



95.3800, -6.4080, -60.1040



109.0890, -104.6250, -14.6810

Rectangle

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



119.5500, -22.9340, 52.2180



84.7150, 96.4960, 90.4480



95.3800, -6.4080, -60.1040



98.3730, -74.4510, -43.9150

Sweetspot

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



119.5500, -22.9340, 52.2180



217.8320, -7.6140, 16.8500



169.2360, -74.1820, -10.2300



104.6980, -4.5410, 10.7150



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.



119.5500, -22.9340, 52.2180



105.1540, -29.9060, 68.4460



140.7790, 19.3820, 67.2700



108.1510, -1.7430, 4.0570



35.2850, -28.8970, 66.6790



10.3420, -8.9900, 19.7620

Inverse Universe

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



146.3140, 51.2480, 62.4480



140.1180, 67.2000, 81.7280



185.2210, -19.3820, -67.2700



110.2010, 3.9880, 4.8200



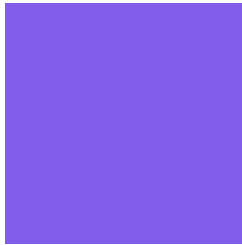
69.2810, 65.1830, 79.7350



20.5920, 19.6650, 23.5770

Previews

White Background



This preview shows how the YIQ color 119.5500, -22.9340, 52.2180 looks on a white background.

Color Contrast Check

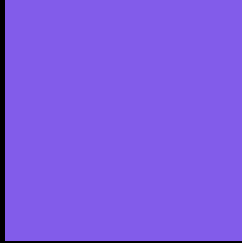
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5500, -22.9340, 52.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

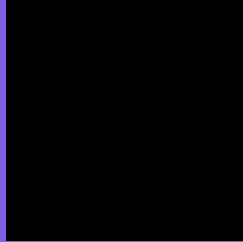
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.5500, -22.9340, 52.2180

Background



This preview shows how black text looks on a background with the YIQ color 119.5500, -22.9340, 52.2180.



This preview shows how white text looks on a background with the YIQ color 119.5500, -22.9340,

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

119.5500, -22.9340, 52.2180

Protanopia

94.6200, -109.3530, 15.9510

Deuteranopia

95.0810, -101.0060, 2.3380



Tritanopia

117.0570, -13.3420, -0.4940

Trichromacy



Original Color

119.5500, -22.9340, 52.2180



Protanomaly

103.6350, -78.1780, 29.1660



Deuteranomaly

103.5890, -72.5370, 20.5430



Tritanomaly

117.5090, -16.8300, 18.6740

Monochromacy



Original Color

119.5500, -22.9340, 52.2180



Achromatopsia

120.0000, -0.0000, -0.0000



Achromatomaly

120.0000, -8.0270, 18.8290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5500, -22.9340, 52.2180 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(130, 92, 234)` looks like.

```
.text, #text, p{  
    color:rgb(130, 92, 234)  
}
```

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(130, 92, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 92, 234) }
```

Border

The CSS property to change the border of an element to YIQ 119.5500, -22.9340, 52.2180 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(130, 92, 234) }
```


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

```
.border{ border-color:rgb(130, 92, 234) }
```

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

Here you see how a box with a 4 pixel rgb(130, 92, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 92, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 92, 234);  
box-shadow:4px 4px 4px 4px rgb(130, 92,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5500, -22.9340, 52.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 92, 234) }
```

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

```
.background{ background-color: rgb(130, 92,  
234) }
```

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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