

Converting Colors

YIQ(113.3170, -5.5600, 67.7520)

Have a look what the booklet for
YIQ(113.3170, -5.5600, 67.7520)
contains.

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Color

**YIQ(113.3170, -5.5600,
67.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	9647EB
RGB	150, 71, 235
RGB Percent	59%, 28%, 92%
CMY	0.4115, 0.7217, 0.0786
CMYK	0.36, 0.70, 0.00, 0.08
HSL	269°, 80%, 60%
HSV	269°, 70%, 92%
XYZ	29.8323, 16.9893, 80.2754
YIQ	113.3170, -5.5600, 67.7520

Conversions

Conversions Part 2

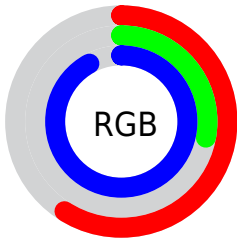
Format	Color
R_{YB}	150, 71, 235
Decimal	9848811
CIE _{Lab}	48.25, 62.87, -69.91
CIE _{LCh}	48, 94.021, 311.967
Yxy	16.9893, 0.2347, 0.1337
Android (android.graphics.Color)	4288038891 (0xFF9647EB)
YUV	113.3170, 59.9897, 32.1710
Hunter-Lab	41.2181, 57.0609, -86.6191

Details

The YIQ color **113.3170, -5.5600, 67.7520** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **192.6830, 5.5600, -67.7520**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9360, 8.3340, 58.2380**, and **50.4360, -4.2770, 72.0350** is the 20% darker color. If you saturate the color by 10%, you get **95.6410, -6.1120, 77.7600**, and if you desaturate by 10%, it is **130.4060, -4.7330, 58.2670**.

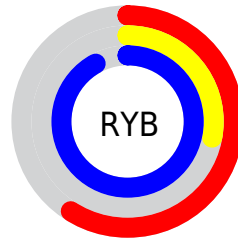
Distribution



Red (59%)

Green (28%)

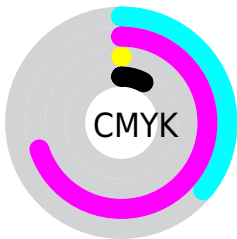
Blue (92%)



Red (59%)

Yellow (28%)

Blue (92%)

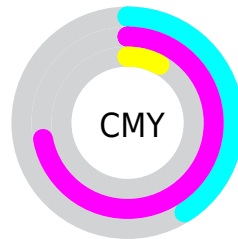


Cyan (36%)

Magenta (70%)

Yellow (0%)

Black (8%)



Cyan (41%)

Magenta (72%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.3170, -5.5600, 67.7520 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 113.3170, -5.5600, 67.7520 by changing the saturation by 10% instead.

■ 113.3170, -5.5600,
67.7520

■ 113.3170, -5.5600,
67.7520

■ 255.0000, -0.0000,
-0.0000

■ 84.9040, -5.8350,
67.2290

■ 164.9360, 8.3340,
58.2380

■ 50.4360, -4.2770,
72.0350

■ 190.6410, 19.1100,
50.1660

■ 35.0400, -12.3900,
59.3700

■ 211.5620, 20.3500,
38.7020

■ 20.1160, -27.8840,
42.8040

■ 227.9980, 12.6500,
24.0580

■ 11.1720, -31.4580,
30.4780

■ 245.0210, 4.6750,
8.8910

■ 8.3220, -23.4330,
22.7030

■ 7.9340, -16.8290,

13.1470

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 113.3170, -5.5600,
67.7520

■ 113.3170, -5.5600,
67.7520

■ 95.6410, -6.1120,
77.7600

■ 130.4060, -4.7330,
58.2670

■ 78.5520, -6.9390,
87.2450

■ 148.0820, -4.1810,
48.2590

■ 60.8760, -7.4910,
97.2530

■ 165.4700, -2.7580,
38.9860

■ 60.5770, -8.0870,
97.0410

■ 183.1460, -2.2060,
28.9780

■ 200.2350, -1.3790,
19.4930

■ 217.9110, -0.8270,
9.4850

■ 235.0000, 0.0000,
-0.0000

■ 250.3280, 1.6520,
-7.9160

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



97.1620, -113.7550, 18.6370



113.3170, -5.5600, 67.7520



86.7970, 82.0060, 99.7500

Triad

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



113.3170, -5.5600, 67.7520



107.2260, 80.7880, -10.3800



101.7590, -86.7410, -30.4290

Complementary

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



113.3170, -5.5600, 67.7520



192.6830, 5.5600, -67.7520

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.



90.8950, -58.9060, -55.8180



113.3170, -5.5600, 67.7520



104.8030, 32.6060, -40.2740

Square

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



113.3170, -5.5600, 67.7520



84.0100, 126.9960, 33.2680



79.8320, -37.4000, -71.1280



110.3090, -110.8160, -7.1040

Rectangle

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



113.3170, -5.5600, 67.7520



86.1370, 109.7470, 87.0830



79.8320, -37.4000, -71.1280



98.5670, -77.7530, -39.1370

Sweetspot

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



113.3170, -5.5600, 67.7520



214.9300, -1.8380, 22.3060



140.7650, -76.5690, 5.5030



104.1330, -1.3320, 13.1320



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.



113.3170, -5.5600, 67.7520



96.1930, -7.3060, 88.3900



136.9380, 41.5240, 84.5000



108.7490, -0.5510, 4.4810



46.6470, -6.2490, 74.7350



13.9300, -1.8380, 22.3060

Inverse Universe

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



129.7260, 70.4590, 61.2030



117.6400, 91.9130, 79.8890



168.7630, -42.1200, -84.7120



109.9730, 4.6300, 4.1980



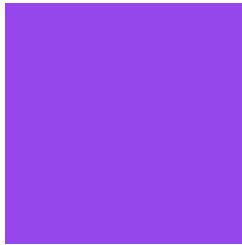
64.8350, 77.7020, 67.6060



19.3380, 23.1960, 20.1560

Previews

White Background



This preview shows how the YIQ color 113.3170, -5.5600, 67.7520 looks on a white background.

Color Contrast Check

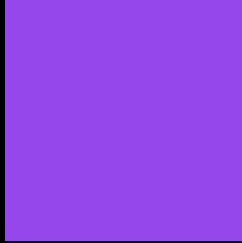
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3170, -5.5600, 67.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

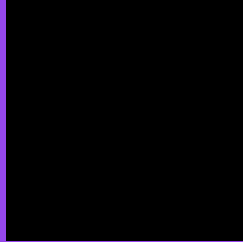
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.3170, -5.5600, 67.7520

Background



This preview shows how black text looks on a background with the YIQ color 113.3170, -5.5600, 67.7520.



This preview shows how white text looks on a background with the YIQ color 113.3170, -5.5600,

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

113.3170, -5.5600, 67.7520

Protanopia

91.2460, -105.3640, 15.2440

Deuteranopia

91.9350, -97.6590, 2.2530



Tritanopia

115.6960, 6.9680, 5.8800

Trichromacy



Original Color

113.3170, -5.5600, 67.7520



Protanomaly

99.4730, -68.7340, 34.2260



Deuteranomaly

99.6550, -63.7350, 26.2250



Tritanomaly

115.0710, 2.3790, 28.4830

Monochromacy



Original Color

113.3170, -5.5600, 67.7520



Achromatopsia

113.0000, -0.0000, 0.0000



Achromatomaly

113.0980, -2.2510, 24.2850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3170, -5.5600, 67.7520 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(150, 71, 235)` looks like.

```
.text, #text, p{  
    color:rgb(150, 71, 235)  
}
```

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(150, 71, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 71, 235) }
```

Border

The CSS property to change the border of an element to YIQ 113.3170, -5.5600, 67.7520 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(150, 71, 235) }
```


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

```
.border{ border-color:rgb(150, 71, 235) }
```

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

Here you see how a box with a 4 pixel rgb(150, 71, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 71, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 71, 235);  
box-shadow:4px 4px 4px 4px rgb(150, 71,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3170, -5.5600, 67.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 71, 235) }
```

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

```
.background{ background-color: rgb(150, 71,  
235) }
```

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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