

Converting Colors

YIQ(110.4520, -10.3740,
66.8900)

Have a look what the booklet for
YIQ(110.4520, -10.3740, 66.8900)
contains.

YIQ(110.4520, -10.3740, 66.8900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(110.4520, -10.3740,
66.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	8E46EC
RGB	142, 70, 236
RGB Percent	56%, 27%, 93%
CMY	0.4428, 0.7256, 0.0747
CMYK	0.40, 0.70, 0.00, 0.07
HSL	266°, 81%, 60%
HSV	266°, 70%, 93%
XYZ	28.4897, 16.1872, 80.9468
YIQ	110.4520, -10.3740, 66.8900

Conversions

Conversions Part 2

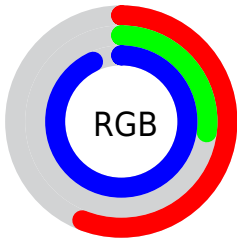
Format	Color
R_{YB}	142, 70, 236
Decimal	9324268
CIE _{Lab}	47.22, 62.12, -72.18
CIE _{LCh}	47, 95.235, 310.718
Yxy	16.1872, 0.2268, 0.1289
Android (android.graphics.Color)	4287514348 (0xFF8E46EC)
YUV	110.4520, 61.8952, 27.6676
Hunter-Lab	40.2333, 55.9897, -91.1243

Details

The YIQ color **110.4520, -10.3740, 66.8900** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **195.5480, 10.3740, -66.8900**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2560, 4.4370, 57.2770**, and **48.4460, -10.2370, 69.9150** is the 20% darker color. If you saturate the color by 10%, you get **92.4770, -11.5220, 76.6860**, and if you desaturate by 10%, it is **128.4270, -9.2260, 57.0940**.

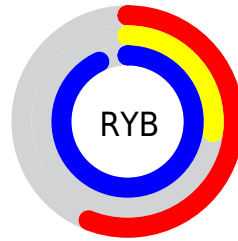
Distribution



Red (56%)

Green (27%)

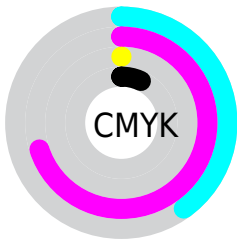
Blue (93%)



Red (56%)

Yellow (27%)

Blue (93%)

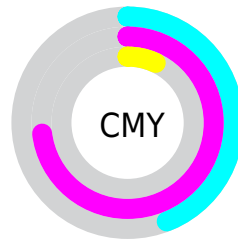


Cyan (40%)

Magenta (70%)

Yellow (0%)

Black (7%)



Cyan (44%)

Magenta (73%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.4520, -10.3740, 66.8900 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 110.4520, -10.3740, 66.8900 by changing the saturation by 10% instead.

■ 110.4520,
-10.3740, 66.8900

■ 110.4520,
-10.3740, 66.8900

■ 255.0000, -0.0000,
-0.0000

■ 81.7400, -11.2450,
66.1550

■ 162.2560, 4.4370,
57.2770

■ 48.4460, -10.2370,
69.9150

■ 187.0750, 14.8920,
49.5160

■ 31.5660, -19.8630,
57.1370

■ 210.3880, 20.9000,
39.7480

■ 14.2500, -40.1250,
38.8750

■ 226.8240, 13.2000,
25.1040

■ 11.2860, -31.7790,
30.7890

■ 243.8470, 5.2250,
9.9370

■ 10.1970, -24.5790,
21.4450

■ 8.0480, -17.1500,

13.4580

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 110.4520,
-10.3740, 66.8900

■ 110.4520,
-10.3740, 66.8900

■ 92.4770, -11.5220,
76.6860

■ 128.4270, -9.2260,
57.0940

■ 74.7900, -13.5410,
85.7470

■ 146.1140, -7.2070,
48.0330

■ 57.4020, -14.9640,
95.0200

■ 164.0890, -6.0590,
38.2370

■ 181.4770, -4.6360,
28.9640

■ 199.7510, -2.8920,
19.3800

■ 217.7260, -1.7440,
9.5840

■ 235.1140, -0.3210,
0.3110

■ 251.0400, 2.5230,
-7.1810

■ 252.8340, 6.0990,
-5.9090

Harmonies

Analogous

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



96.5750, -113.4800, 19.1600



110.4520, -10.3740, 66.8900



85.7150, 79.3010, 99.2130

Triad

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



110.4520, -10.3740, 66.8900



104.8780, 81.8880, -8.2880



99.9010, -84.2650, -31.2490

Complementary

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



110.4520, -10.3740, 66.8900



195.5480, 10.3740, -66.8900

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.



88.3360, -55.8340, -56.4260



110.4520, -10.3740, 66.8900



102.4550, 33.7060, -38.1820

Square

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



110.4520, -10.3740, 66.8900



71.9710, 131.9000, 43.5160



78.0710, -36.5750, -69.5590



108.6790, -108.9820, -7.3020

Rectangle

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



110.4520, -10.3740, 66.8900



85.3540, 107.6380, 86.7580



78.0710, -36.5750, -69.5590



96.1220, -75.0020, -39.4340

Sweetspot

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



110.4520, -10.3740, 66.8900



214.3320, -3.0300, 21.8820



144.1020, -79.1360, 2.4640



103.5350, -2.5240, 12.7080



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.



110.4520, -10.3740, 66.8900



93.2030, -13.2660, 86.2700



135.2690, 39.0940, 84.4860



108.7490, -0.5510, 4.4810



44.2550, -11.0170, 73.0390



13.0330, -3.6260, 21.6700

Inverse Universe

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



130.3500, 68.7620, 64.4260



118.7800, 88.7030, 82.9990



170.7310, -39.0940, -84.4860



109.9730, 4.6300, 4.1980



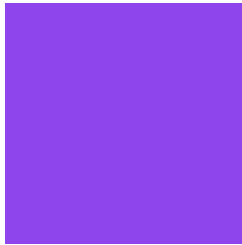
65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 110.4520, -10.3740, 66.8900 looks on a white background.

Color Contrast Check

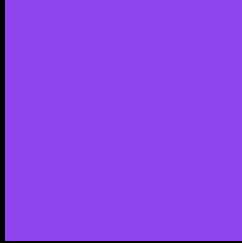
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4520, -10.3740, 66.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

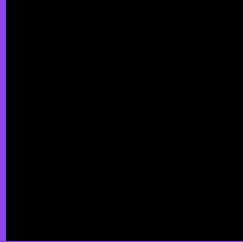
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.4520, -10.3740, 66.8900

Background



This preview shows how black text looks on a background with the YIQ color 110.4520, -10.3740, 66.8900.



This preview shows how white text looks on a background with the YIQ color 110.4520, -10.3740,

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

110.4520, -10.3740, 66.8900

Protanopia

89.3880, -102.8880, 14.4240

Deuteranopia

90.0770, -95.1830, 1.4330



Tritanopia

112.1190, 1.2830, 4.2830

Trichromacy



Original Color

110.4520, -10.3740, 66.8900



Protanomaly

97.0600, -69.0090, 33.7030



Deuteranomaly

97.8290, -64.2850, 25.1790



Tritanomaly

111.4940, -3.3060, 26.8860

Monochromacy



Original Color

110.4520, -10.3740, 66.8900



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.0270, -3.4890, 24.6950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4520, -10.3740, 66.8900 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(142, 70, 236)` looks like.

```
.text, #text, p{  
    color:rgb(142, 70, 236)  
}
```

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(142, 70, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 70, 236) }
```

Border

The CSS property to change the border of an element to YIQ 110.4520, -10.3740, 66.8900 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(142, 70, 236) }
```


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

```
.border{ border-color:rgb(142, 70, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 70, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 70, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 70, 236);  
box-shadow:4px 4px 4px 4px rgb(142, 70,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4520, -10.3740, 66.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 70, 236) }
```

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

```
.background{ background-color: rgb(142, 70,  
236) }
```

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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