

Converting Colors

YIQ(111.8720, -3.9500, 38.5620)

Have a look what the booklet for
YIQ(111.8720, -3.9500, 38.5620)
contains.

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Color

**YIQ(111.8720, -3.9500,
38.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	8458B6
RGB	132, 88, 182
RGB Percent	52%, 35%, 71%
CMY	0.4822, 0.6550, 0.2864
CMYK	0.27, 0.52, 0.00, 0.29
HSL	268°, 39%, 53%
HSV	268°, 52%, 71%
XYZ	21.4516, 15.2618, 46.0589
YIQ	111.8720, -3.9500, 38.5620

Conversions

Conversions Part 2

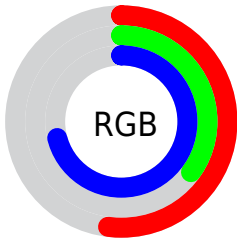
Format	Color
RYB	132, 88, 182
Decimal	8673462
CIELab	45.99, 37.22, -43.25
CIElCh	46, 57.065, 310.713
Yxy	15.2618, 0.2592, 0.1844
Android (android.graphics.Color)	4286863542 (0xFF8458B6)
YUV	111.8720, 34.5731, 17.6523
Hunter-Lab	39.0664, 29.6495, -42.5560

Details

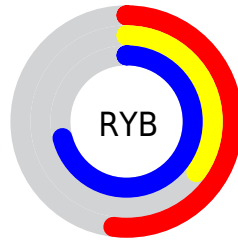
The YIQ color $111.8720, -3.9500, 38.5620$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $158.1280, 3.9500, -38.5620$, and the grayscale version is $112.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $164.6380, -3.1710, 40.9650$, and $61.6930, -5.0040, 35.6360$ is the 20% darker color. If you saturate the color by 10%, you get $98.3160, -4.9600, 45.8560$, and if you desaturate by 10%, it is $125.4280, -2.9400, 31.2680$.

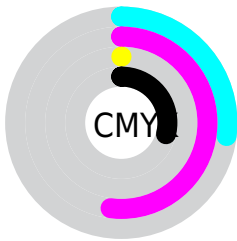
Distribution



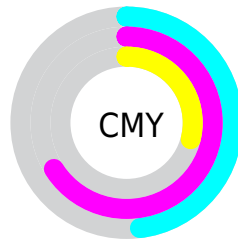
- Red (52%)
- Green (35%)
- Blue (71%)



- Red (52%)
- Yellow (35%)
- Blue (71%)



- Cyan (27%)
- Magenta (52%)
- Yellow (0%)
- Black (29%)



- Cyan (48%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.8720, -3.9500, 38.5620 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 111.8720, -3.9500, 38.5620 by changing the saturation by 10% instead.

111.8720, -3.9500,
38.5620

111.8720, -3.9500,
38.5620

255.0000, -0.0000,
-0.0000

86.6330, -4.7750,
36.9930

164.6380, -3.1710,
40.9650

61.6930, -5.0040,
35.6360

191.0960, 1.2310,
38.2790

36.9810, -5.8750,
34.9010

215.6160, 11.0900,
30.3060

16.6660, -9.5420,
29.7700

235.6290, 9.0750,
17.2590

6.2700, -17.6550,
17.1050

252.0650, 1.3750,
2.6150

4.8220, -10.8220,
8.9060

0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 111.8720, -3.9500,
38.5620

■ 111.8720, -3.9500,
38.5620

■ 98.3160, -4.9600,
45.8560

■ 125.4280, -2.9400,
31.2680

■ 85.0590, -5.3740,
53.3620

■ 138.6850, -2.5260,
23.7620

■ 70.9160, -6.1090,
61.1790

■ 152.8280, -1.7910,
15.9450

■ 57.3600, -7.1190,
68.4730

■ 166.3840, -0.7810,
8.6510

■ 46.1630, -7.7620,
74.6220

■ 179.6410, -0.3670,
1.1450

■ 193.1970, 0.6430,
-6.1490

■ 206.7530, 1.6530,
-13.4430

■ 220.5970, 1.7920,
-21.4720

■ 234.1530, 2.8020,
-28.7660

Harmonies

Analogous

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



87.1250, -95.1380, 6.1260



111.8720, -3.9500, 38.5620



108.1520, 42.3560, 47.3800

Triad

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



111.8720, -3.9500, 38.5620



102.5230, 66.5300, -16.3020



91.1470, -76.1500, -29.6380

Complementary

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



111.8720, -3.9500, 38.5620



158.1280, 3.9500, -38.5620

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.



84.2730, -59.5500, -44.1420



111.8720, -3.9500, 38.5620



100.1290, 37.7400, -34.1960

Square

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



111.8720, -3.9500, 38.5620



104.0400, 73.5850, 15.5450



93.8170, -5.5400, -42.7880



95.1030, -90.0450, -14.5970

Rectangle

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



111.8720, -3.9500, 38.5620



103.9940, 63.1720, 44.5800



93.8170, -5.5400, -42.7880



88.7360, -70.7390, -34.0910

Sweetspot

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



111.8720, -3.9500, 38.5620



210.7740, -1.6990, 14.2770



128.0660, -43.9240, 3.0840



103.4980, -1.1020, 8.9620



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.8720, -3.9500, 38.5620



127.3890, -6.0630, 60.3450



125.9250, 24.0620, 48.5260



85.2220, -0.5050, 3.6470



39.6110, -6.5680, 63.9920



7.0790, -1.2400, 11.4640

Inverse Universe

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



121.8060, 39.9740, 35.4780



142.8450, 62.5740, 55.4220



144.0750, -24.0620, -48.5260



86.1470, 4.0800, 3.1520



56.1060, 66.3330, 58.8850



10.0820, 11.8730, 10.6010

Previews

White Background



This preview shows how the YIQ color 111.8720, -3.9500, 38.5620 looks on a white background.

Color Contrast Check

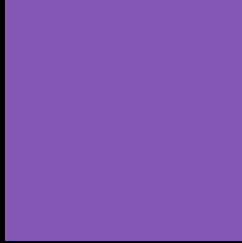
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.8720, -3.9500, 38.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

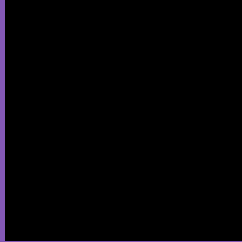
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.8720, -3.9500, 38.5620

Background



This preview shows how black text looks on a background with the YIQ color 111.8720, -3.9500, 38.5620.



This preview shows how white text looks on a background with the YIQ color 111.8720, -3.9500,

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

111.8720, -3.9500, 38.5620

Protanopia

103.4460, -56.0770, 19.5950

Deuteranopia

104.8950, -47.4560, 12.0320



Tritanopia

110.3970, 6.3720, 5.6680

Trichromacy



Original Color

111.8720, -3.9500, 38.5620

Protanomaly

106.1280, -37.3260, 26.6900

Deuteranomaly

107.4890, -31.2730, 21.6150

Tritanomaly

110.9210, 2.3810, 17.4290

Monochromacy



Original Color

111.8720, -3.9500, 38.5620

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6600, -1.3780, 13.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.8720, -3.9500, 38.5620 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(132, 88, 182)` looks like.

```
.text, #text, p{  
    color:rgb(132, 88, 182)  
}
```

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(132, 88, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 88, 182) }
```

Border

The CSS property to change the border of an element to YIQ 111.8720, -3.9500, 38.5620 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(132, 88, 182) }
```


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

```
.border{ border-color:rgb(132, 88, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 88, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 88, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 88, 182);  
box-shadow:4px 4px 4px 4px rgb(132, 88,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 111.8720, -3.9500, 38.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 88, 182) }
```

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

```
.background{ background-color: rgb(132, 88,  
182) }
```

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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