

Converting Colors

YIQ(114.5700, -17.6590,
39.2130)

Have a look what the booklet for
YIQ(114.5700, -17.6590, 39.2130)
contains.

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Color

**YIQ(114.5700, -17.6590,
39.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5EC9
RGB	122, 94, 201
RGB Percent	48%, 37%, 79%
CMY	0.5214, 0.6314, 0.2119
CMYK	0.39, 0.53, 0.00, 0.21
HSL	256°, 50%, 58%
HSV	256°, 53%, 79%
XYZ	22.5706, 16.3586, 57.2022
YIQ	114.5700, -17.6590, 39.2130

Conversions

Conversions Part 2

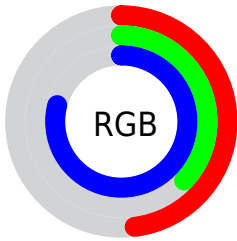
Format	Color
R_{YB}	122, 94, 201
Decimal	8019657
CIE Lab	47.44, 36.17, -52.00
CIE LCh	47, 63.341, 304.824
Yxy	16.3586, 0.2348, 0.1702
Android (android.graphics.Color)	4286209737 (0xFF7A5EC9)
YUV	114.5700, 42.6100, 6.5161
Hunter-Lab	40.4458, 28.8308, -55.5414

Details

The YIQ color $114.5700, -17.6590, 39.2130$ is a dark color, and the websafe version is hex $6666CC$. The color can be described as middle muted purple. A complement of this color would be $180.4300, 17.6590, -39.2130$, and the grayscale version is $114.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $167.4070, -15.6420, 41.2060$, and $64.2660, -19.8590, 35.0290$ is the 20% darker color. If you saturate the color by 10%, you get $98.3450, -21.0990, 46.4930$, and if you desaturate by 10%, it is $130.7950, -14.2190, 31.9330$.

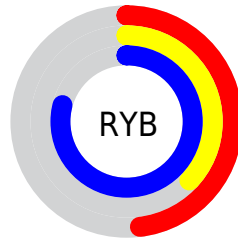
Distribution



Red (48%)

Green (37%)

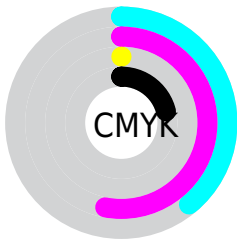
Blue (79%)



Red (48%)

Yellow (37%)

Blue (79%)

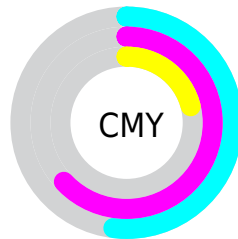


Cyan (39%)

Magenta (53%)

Yellow (0%)

Black (21%)



Cyan (52%)

Magenta (63%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.5700, -17.6590, 39.2130 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 114.5700, -17.6590, 39.2130 by changing the saturation by 10% instead.

■ 114.5700,
-17.6590, 39.2130

■ 114.5700,
-17.6590, 39.2130

■ 255.0000, -0.0000,
-0.0000

■ 88.9180, -18.7590,
37.1210

■ 167.4070,
-15.6420, 41.2060

■ 64.2660, -19.8590,
35.0290

■ 191.9270, -5.7830,
33.2330

■ 38.8310, -23.0680,
32.6120

■ 216.4470, 4.0760,
25.2600

■ 12.4770, -30.9990,
27.6650

■ 239.1510, 7.4250,
14.1210

■ 7.9800, -22.4700,
21.7700

■ 7.7060, -16.1870,
12.5250

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 114.5700,
-17.6590, 39.2130

■ 114.5700,
-17.6590, 39.2130

■ 98.3450, -21.0990,
46.4930

■ 130.7950,
-14.2190, 31.9330

■ 82.1200, -24.5390,
53.7730

■ 147.0200,
-10.7790, 24.6530

■ 66.1940, -27.3830,
61.2650

■ 163.2450, -7.3390,
17.3730

■ 49.9690, -30.8230,
68.5450

■ 179.1710, -4.4950,
9.8810

■ 38.7610, -32.9330,
73.7470

■ 195.3960, -1.0550,
2.6010

■ 212.2080, 2.1100,
-5.2020

■ 228.4330, 5.5500,
-12.4820

■ 244.6580, 8.9900,
-19.7620

■ 248.8440, 17.3340,
-16.7940

Harmonies

Analogous

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



93.1720, -102.5200, 7.7520



114.5700, -17.6590, 39.2130



111.2860, 39.2830, 53.5150

Triad

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



114.5700, -17.6590, 39.2130



105.1330, 76.6160, -11.8640



93.5120, -75.9200, -33.8080

Complementary

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



114.5700, -17.6590, 39.2130



180.4300, 17.6590, -39.2130

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.



85.3670, -57.1190, -49.6550



114.5700, -17.6590, 39.2130



104.6030, 45.2130, -31.9630

Square

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



114.5700, -17.6590, 39.2130



104.5130, 82.7990, 24.7750



95.4900, 8.2620, -50.6340



99.4400, -92.6120, -17.6360

Rectangle

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



114.5700, -17.6590, 39.2130



104.7590, 65.6920, 53.9800



95.4900, 8.2620, -50.6340



91.3460, -69.8210, -39.7170

Sweetspot

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



114.5700, -17.6590, 39.2130



221.9630, -6.6050, 15.0830



153.1580, -56.3470, -8.5630



107.9430, -3.8530, 9.2590



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.



114.5700, -17.6590, 39.2130



123.4390, -26.6950, 59.8090



130.1180, 13.3330, 50.2370



91.6240, -1.6970, 3.2230



31.4390, -26.6950, 59.8090



6.7950, -6.1920, 13.1040

Inverse Universe

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



134.9990, 38.4130, 47.2530



154.4170, 58.6280, 71.8760



164.8820, -13.3330, -50.2370



93.4890, 3.1170, 4.0850



62.4170, 58.6280, 71.8760



13.7280, 13.1100, 15.7180

Previews

White Background



This preview shows how the YIQ color 114.5700, -17.6590, 39.2130 looks on a white background.

Color Contrast Check

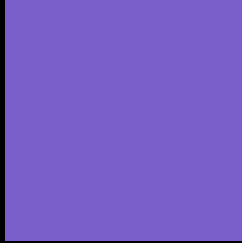
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.5700, -17.6590, 39.2130 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 114.5700, -17.6590, 39.2130

Background



This preview shows how black text looks on a background with the YIQ color 114.5700, -17.6590, 39.2130.



This preview shows how white text looks on a background with the YIQ color 114.5700, -17.6590,

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

114.5700, -17.6590, 39.2130

Protanopia

103.8560, -68.9150, 20.9810

Deuteranopia

102.2330, -68.9590, 10.7610



Tritanopia

112.0360, -8.8490, 0.6790

Trichromacy



Original Color

114.5700, -17.6590, 39.2130

Protanomaly

108.1250, -50.4390, 27.5530

Deuteranomaly

106.9090, -50.0710, 20.8810

Tritanomaly

113.2120, -11.7400, 14.5320

Monochromacy



Original Color

114.5700, -17.6590, 39.2130

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.7350, -5.9630, 14.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.5700, -17.6590, 39.2130 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, 94, 201)` looks like.

```
.text, #text, p{  
    color:rgb(122, 94, 201)  
}
```

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, 94, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 94, 201) }
```

Border

The CSS property to change the border of an element to YIQ 114.5700, -17.6590, 39.2130 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, 94, 201) }
```


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

```
.border{ border-color:rgb(122, 94, 201) }
```

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

Here you see how a box with a 4 pixel rgb(122, 94, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 94, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 94, 201);  
box-shadow:4px 4px 4px 4px rgb(122, 94,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 114.5700, -17.6590, 39.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 94, 201) }
```

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

```
.background{ background-color: rgb(122, 94,  
201) }
```

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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