

Converting Colors

YIQ(114.5810, 37.6750, 71.6510)

Have a look what the booklet for
YIQ(114.5810, 37.6750, 71.6510)
contains.

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Color

**YIQ(114.5810, 37.6750,
71.6510)**

Conversions

Conversions Part 1

Format	Color
Hex	C33AC3
RGB	195, 58, 195
RGB Percent	76%, 23%, 76%
CMY	0.2349, 0.7727, 0.2352
CMYK	0.00, 0.70, 0.00, 0.23
HSL	300°, 54%, 50%
HSV	300°, 70%, 77%
XYZ	33.8945, 18.5771, 53.4356
YIQ	114.5810, 37.6750, 71.6510

Conversions

Conversions Part 2

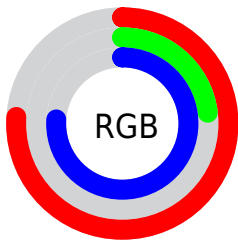
Format	Color
R_{YB}	195, 58, 195
Decimal	12794563
CIE Lab	50.19, 69.27, -43.64
CIE LCh	50, 81.872, 327.791
Yxy	18.5771, 0.3200, 0.1754
Android (android.graphics.Color)	4290984643 (0xFFC33AC3)
YUV	114.5810, 39.6466, 70.5275
Hunter-Lab	43.1011, 64.9447, -43.3354

Details

The YIQ color **114.5810, 37.6750, 71.6510** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **138.4190, -37.6750, -71.6510**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6520, 38.9130, 71.2410**, and **57.0370, 36.3910, 72.8950** is the 20% darker color. If you saturate the color by 10%, you get **102.8410, 43.1750, 82.1110**, and if you desaturate by 10%, it is **125.7340, 32.4500, 61.7140**.

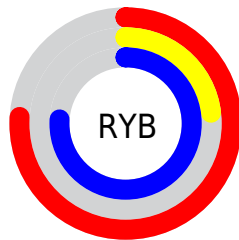
Distribution



Red (76%)

Green (23%)

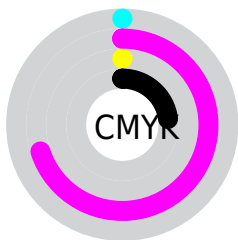
Blue (76%)



Red (76%)

Yellow (23%)

Blue (76%)

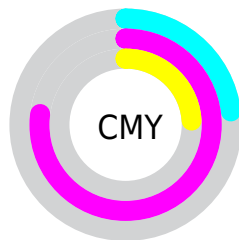


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (23%)



Cyan (23%)

Magenta (77%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.5810, 37.6750, 71.6510 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 114.5810, 37.6750, 71.6510 by changing the saturation by 10% instead.

114.5810, 37.6750,
71.6510

114.5810, 37.6750,
71.6510

255.0000, -0.0000,
-0.0000

79.2380, 40.3790,
77.7150

173.6520, 38.9130,
71.2410

57.0370, 36.3910,
72.8950

191.0170, 29.9750,
57.0070

45.7010, 28.0490,
58.8730

208.0400, 22.0000,
41.8400

34.6640, 20.3030,
45.0630

225.0630, 14.0250,
26.6730

24.5670, 12.7860,
32.6100

242.0860, 6.0500,
11.5060

12.5620, 2.0140,
18.5740

2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 114.5810, 37.6750,
71.6510

■ 114.5810, 37.6750,
71.6510

■ 102.8410, 43.1750,
82.1110

■ 125.7340, 32.4500,
61.7140

■ 91.6880, 48.4000,
92.0480

■ 137.4740, 26.9500,
51.2540

■ 80.5350, 53.6250,
101.9850

■ 148.6270, 21.7250,
41.3170

■ 160.3670, 16.2250,
30.8570

■ 172.1070, 10.7250,
20.3970

■ 183.2600, 5.5000,
10.4600

■ 195.0000, -0.0000,
0.0000

■ 206.1530, -5.2250,
-9.9370

■ 217.8930,
-10.7250, -20.3970

Harmonies

Analogous

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



115.8990, -52.1380, 41.8300



114.5810, 37.6750, 71.6510



84.5580, 98.3760, 89.4160

Triad

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



114.5810, 37.6750, 71.6510



112.3550, 57.7750, -28.3450



107.7380, -99.4430, -20.4910

Complementary

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



114.5810, 37.6750, 71.6510



138.4190, -37.6750, -71.6510

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.



99.6440, -76.6520, -42.5720



114.5810, 37.6750, 71.6510



102.8770, 11.4260, -52.9100

Square

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



114.5810, 37.6750, 71.6510



108.8200, 96.9710, -0.7970



87.9310, -50.5600, -63.9040



111.6600, -115.9980, -1.2940

Rectangle

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



114.5810, 37.6750, 71.6510



80.2110, 114.9300, 75.7460



87.9310, -50.5600, -63.9040



105.1160, -92.0600, -27.6440

Sweetspot

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



114.5810, 37.6750, 71.6510



220.8890, 14.5750, 27.7190



73.6180, -43.9770, 42.6070



109.1020, 9.1210, 16.4250



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.



114.5810, 37.6750, 71.6510



127.5560, 58.3000, 110.8760



106.8290, 59.5030, 50.5030



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Inverse Universe

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



114.5810, 37.6750, 71.6510



127.5560, 58.3000, 110.8760



146.2850, -59.8240, -50.1920



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 114.5810, 37.6750, 71.6510 looks on a white background.

Color Contrast Check

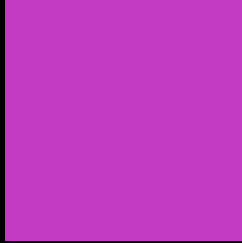
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 114.5810, 37.6750, 71.6510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

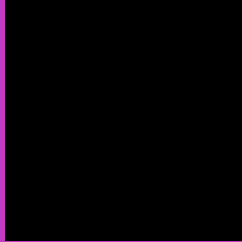
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.5810, 37.6750, 71.6510

Background



This preview shows how black text looks on a background with the YIQ color 114.5810, 37.6750, 71.6510.



This preview shows how white text looks on a background with the YIQ color 114.5810, 37.6750,

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

114.5810, 37.6750, 71.6510

Protanopia

96.1360, -110.8660, 15.8380

Deuteranopia

117.2440, -41.1290, 13.0070



Tritanopia

119.4910, 53.5020, 21.5820

Trichromacy



Original Color

114.5810, 37.6750, 71.6510



Protanomaly

102.8720, -56.6760, 35.9640



Deuteranomaly

116.1590, -12.2480, 34.7600



Tritanomaly

117.7470, 47.6300, 39.9020

Monochromacy



Original Color

114.5810, 37.6750, 71.6510



Achromatopsia

115.0000, -0.0000, 0.0000



Achromatomaly

114.6500, 13.7500, 26.1500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.5810, 37.6750, 71.6510 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(195, 58, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 58, 195)  
}
```

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(195, 58, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 58, 195) }
```

Border

The CSS property to change the border of an element to YIQ 114.5810, 37.6750, 71.6510 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(195, 58, 195) }
```


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

```
.border{ border-color:rgb(195, 58, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 58, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 58, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 58, 195);  
box-shadow:4px 4px 4px 4px rgb(195, 58,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 114.5810, 37.6750, 71.6510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 58, 195) }
```

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

```
.background{ background-color: rgb(195, 58,  
195) }
```

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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