

Converting Colors

YIQ(114.4300, -14.4490,
36.1030)

Have a look what the booklet for
YIQ(114.4300, -14.4490, 36.1030)
contains.

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Color

**YIQ(114.4300, -14.4490,
36.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5FC0
RGB	123, 95, 192
RGB Percent	48%, 37%, 75%
CMY	0.5175, 0.6275, 0.2472
CMYK	0.36, 0.51, 0.00, 0.25
HSL	257°, 43%, 56%
HSV	257°, 51%, 75%
XYZ	21.7749, 16.2000, 51.8288
YIQ	114.4300, -14.4490, 36.1030

Conversions

Conversions Part 2

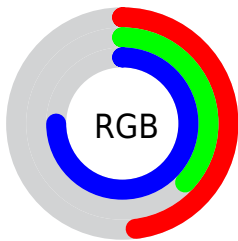
Format	Color
RYB	123, 95, 192
Decimal	8085440
CIELab	47.24, 33.38, -47.13
CIElCh	47, 57.753, 305.304
Yxy	16.2000, 0.2425, 0.1804
Android (android.graphics.Color)	4286275520 (0xFF7B5FC0)
YUV	114.4300, 38.2420, 7.5159
Hunter-Lab	40.2492, 26.1327, -48.1732

Details

The YIQ color **114.4300, -14.4490, 36.1030** 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 **172.5700, 14.4490, -36.1030**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3100, -13.9910, 38.8170**, and **64.5390, -16.3740, 32.4420** is the 20% darker color. If you saturate the color by 10%, you get **99.0910, -17.5680, 43.0720**, and if you desaturate by 10%, it is **129.7690, -11.3300, 29.1340**.

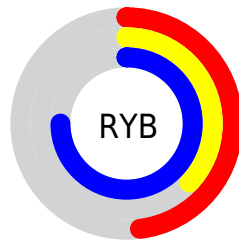
Distribution



Red (48%)

Green (37%)

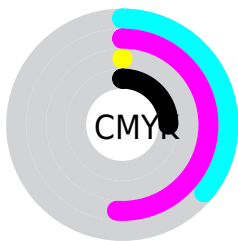
Blue (75%)



Red (48%)

Yellow (37%)

Blue (75%)

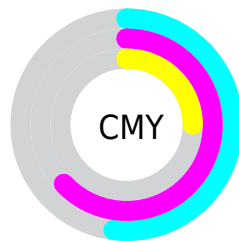


Cyan (36%)

Magenta (51%)

Yellow (0%)

Black (25%)



Cyan (52%)

Magenta (63%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.4300, -14.4490, 36.1030 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 114.4300, -14.4490, 36.1030 by changing the saturation by 10% instead.

■ 114.4300,
-14.4490, 36.1030

■ 114.4300,
-14.4490, 36.1030

■ 255.0000, -0.0000,
-0.0000

■ 89.0770, -14.9530,
34.2230

■ 167.3100,
-13.9910, 38.8170

■ 64.5390, -16.3740,
32.4420

■ 192.5140, -6.0580,
32.7100

■ 39.7020, -18.3910,
30.4490

■ 217.0340, 3.8010,
24.7370

■ 13.7610, -26.0470,
26.0250

■ 239.7380, 7.1500,
13.5980

■ 7.1820, -20.2230,
19.5930

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 114.4300,
-14.4490, 36.1030

■ 114.4300,
-14.4490, 36.1030

■ 99.0910, -17.5680,
43.0720

■ 129.7690,
-11.3300, 29.1340

■ 84.0510, -20.0910,
50.2530

■ 144.8090, -8.8070,
21.9530

■ 68.1250, -22.9350,
57.7450

■ 160.7350, -5.9630,
14.4610

■ 52.7860, -26.0540,
64.7140

■ 176.0740, -2.8440,
7.4920

■ 38.6320, -28.2560,
71.5840

■ 191.1140, -0.3210,
0.3110

■ 206.4530, 2.7980,
-6.6580

■ 221.7920, 5.9170,
-13.6270

■ 237.4190, 8.1650,
-21.3310

■ 245.1270, 14.8590,
-21.5010

Harmonies

Analogous

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



91.3310, -98.7140, 4.8540



114.4300, -14.4490, 36.1030



112.7430, 36.2580, 47.7620

Triad

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



114.4300, -14.4490, 36.1030



106.2940, 68.9130, -9.9270



92.3380, -75.3700, -32.7620

Complementary

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



114.4300, -14.4490, 36.1030



172.5700, 14.4490, -36.1030

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.



84.7630, -58.1740, -47.0540



114.4300, -14.4490, 36.1030



104.3040, 44.6170, -32.1750

Square

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



114.4300, -14.4490, 36.1030



106.3980, 75.6930, 21.3970



98.3790, 4.5010, -43.0430



97.1090, -90.1820, -17.6220

Rectangle

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



114.4300, -14.4490, 36.1030



107.7210, 59.6870, 47.1670



98.3790, 4.5010, -43.0430



90.4000, -69.9130, -38.0490

Sweetspot

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



114.4300, -14.4490, 36.1030



219.6210, -5.6420, 14.1500



146.5610, -50.1120, -5.9200



106.7150, -3.2110, 8.6370



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



114.4300, -14.4490, 36.1030



127.8970, -22.2930, 57.1230



128.7820, 14.1590, 46.2790



89.0370, -1.4220, 3.7460



32.1080, -24.2650, 59.8230



6.7520, -4.6330, 12.3830

Inverse Universe

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



131.8690, 35.6630, 42.0230



155.1730, 56.1990, 66.3350



158.2180, -14.1590, -46.2790



90.7880, 3.7130, 4.2970



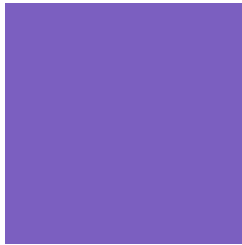
61.1350, 59.3620, 69.5860



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 114.4300, -14.4490, 36.1030 looks on a white background.

Color Contrast Check

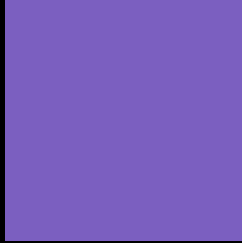
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4300, -14.4490, 36.1030 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 114.4300, -14.4490, 36.1030

Background



This preview shows how black text looks on a background with the YIQ color 114.4300, -14.4490, 36.1030.



This preview shows how white text looks on a background with the YIQ color 114.4300, -14.4490,

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

114.4300, -14.4490, 36.1030

Protanopia

106.3040, -58.5530, 20.4150

Deuteranopia

105.7030, -55.6630, 12.0890



Tritanopia

111.8300, -5.2730, 1.9510

Trichromacy



Original Color

114.4300, -14.4490, 36.1030

Protanomaly

109.3770, -42.4610, 26.1390

Deuteranomaly

108.5850, -40.3510, 20.9370

Tritanomaly

112.7670, -8.9890, 14.2350

Monochromacy



Original Color

114.4300, -14.4490, 36.1030

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9800, -5.2750, 13.0050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4300, -14.4490, 36.1030 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(123, 95, 192)` looks like.

```
.text, #text, p{  
    color:rgb(123, 95, 192)  
}
```

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(123, 95, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 95, 192) }
```

Border

The CSS property to change the border of an element to YIQ 114.4300, -14.4490, 36.1030 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(123, 95, 192) }
```


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

```
.border{ border-color:rgb(123, 95, 192) }
```

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

Here you see how a box with a 4 pixel rgb(123, 95, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 95, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 95, 192);  
box-shadow:4px 4px 4px 4px rgb(123, 95,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4300, -14.4490, 36.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 95, 192) }
```

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

```
.background{ background-color: rgb(123, 95,  
192) }
```

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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