

Converting Colors

YIQ(115.9750, -41.2690,
26.5630)

Have a look what the booklet for
YIQ(115.9750, -41.2690, 26.5630)
contains.

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Color

**YIQ(115.9750, -41.2690,
26.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6ECF
RGB	93, 110, 207
RGB Percent	36%, 43%, 81%
CMY	0.6353, 0.5686, 0.1885
CMYK	0.55, 0.47, 0.00, 0.19
HSL	231°, 54%, 59%
HSV	231°, 55%, 81%
XYZ	21.3465, 17.9829, 61.3384
YIQ	115.9750, -41.2690, 26.5630

Conversions

Conversions Part 2

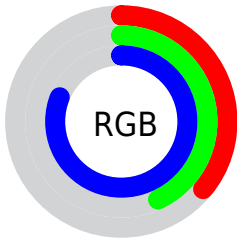
Format	Color
R _Y B	93, 108, 207
Decimal	6123215
CIE Lab	49.48, 21.70, -52.29
CIE LCh	49, 56.615, 292.541
Yxy	17.9829, 0.2120, 0.1786
Android (android.graphics.Color)	4284313295 (0xFF5D6ECF)
YUV	115.9750, 44.8753, -20.1491
Hunter-Lab	42.4062, 15.6425, -56.0755

Details

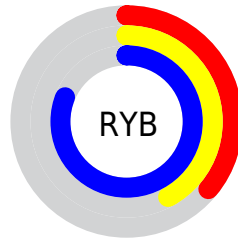
The YIQ color **115.9750, -41.2690, 26.5630** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **184.0250, 41.2690, -26.5630**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7260, -36.1340, 27.1140**, and **62.0830, -50.6210, 19.8350** is the 20% darker color. If you saturate the color by 10%, you get **99.1300, -48.8350, 31.5250**, and if you desaturate by 10%, it is **132.8200, -33.7030, 21.6010**.

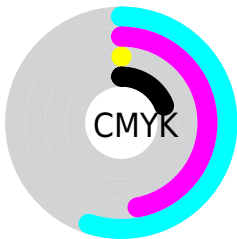
Distribution



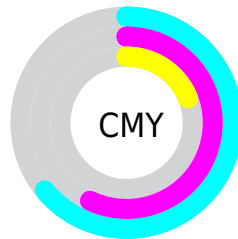
- Red (36%)
- Green (43%)
- Blue (81%)



- Red (36%)
- Yellow (42%)
- Blue (81%)



- Cyan (55%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (64%)
- Magenta (57%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.9750, -41.2690, 26.5630 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 115.9750, -41.2690, 26.5630 by changing the saturation by 10% instead.

■ 115.9750,
-41.2690, 26.5630

■ 115.9750,
-41.2690, 26.5630

■ 255.0000, -0.0000,
-0.0000

■ 89.7250, -43.5610,
24.0470

■ 168.7260,
-36.1340, 27.1140

■ 62.0830, -50.6210,
19.8350

■ 193.2460,
-26.2750, 19.1410

■ 38.9040, -51.6750,
16.9090

■ 218.3530,
-16.6910, 10.6450

■ 24.3140, -38.1500,
19.5940

■ 243.4600, -7.1070,
2.1490

■ 8.5500, -24.0750,
23.3250

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 115.9750,
-41.2690, 26.5630

■ 115.9750,
-41.2690, 26.5630

■ 99.1300, -48.8350,
31.5250

■ 132.8200,
-33.7030, 21.6010

■ 83.1710, -56.0800,
36.1760

■ 148.7790,
-26.4580, 16.9500

■ 66.3260, -63.6460,
41.1380

■ 165.6240,
-18.8920, 11.9880

■ 50.0680, -71.4870,
45.5770

■ 181.8820,
-11.0510, 7.5490

■ 41.7950, -74.9720,
48.1640

■ 198.4280, -4.0810,
2.3750

■ 215.2730, 3.4850,
-2.5870

■ 231.5310, 11.3260,
-7.0260

■ 247.1800, 16.5080,
-12.8360

■ 249.5280, 15.4080,
-14.9280

Harmonies

Analogous

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



98.8310, -103.2980, -0.1780



115.9750, -41.2690, 26.5630



120.8700, 16.7270, 43.7910

Triad

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



115.9750, -41.2690, 26.5630



113.4060, 72.0740, 4.3780



93.4490, -71.6090, -40.3530

Complementary

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



115.9750, -41.2690, 26.5630



184.0250, 41.2690, -26.5630

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.



97.1760, -31.5360, -45.2320



115.9750, -41.2690, 26.5630



110.3060, 59.4710, -26.0410

Square

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



115.9750, -41.2690, 26.5630



113.1240, 73.9490, 30.9810



106.6820, 25.6370, -40.6270



99.6220, -87.6130, -25.6370

Rectangle

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



115.9750, -41.2690, 26.5630



117.4080, 44.5110, 46.8710



106.6820, 25.6370, -40.6270



90.9240, -65.8770, -45.1170

Sweetspot

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



115.9750, -41.2690, 26.5630



220.4240, -15.4530, 10.2350



170.9760, -62.4870, -29.4550



107.3120, -9.4460, 5.9940



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.



115.9750, -41.2690, 26.5630



120.8270, -60.8030, 39.1730



117.9560, -12.7540, 43.9340



96.4280, -4.0810, 2.3750



33.8270, -60.8030, 39.1730



8.1960, -14.8110, 9.6130

Inverse Universe

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



129.0240, 62.4870, 29.4550



140.0820, 92.1030, 43.3910



182.0440, 12.7540, -43.9340



97.5170, 5.9140, 2.9540



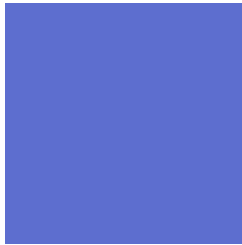
53.0820, 92.1030, 43.3910



12.9430, 22.5100, 10.5580

Previews

White Background



This preview shows how the YIQ color 115.9750, -41.2690, 26.5630 looks on a white background.

Color Contrast Check

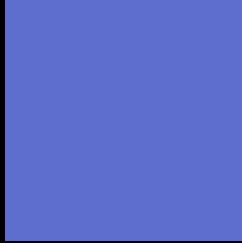
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9750, -41.2690, 26.5630 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 115.9750, -41.2690, 26.5630

Background



This preview shows how black text looks on a background with the YIQ color 115.9750, -41.2690, 26.5630.



This preview shows how white text looks on a background with the YIQ color 115.9750, -41.2690,

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

115.9750, -41.2690, 26.5630

Protanopia

111.9020, -57.3610, 20.8390

Deuteranopia

106.3790, -72.3060, 10.8460



Tritanopia

109.4990, -38.3740, -9.3980

Trichromacy



Original Color

115.9750, -41.2690, 26.5630

Protanomaly

113.5930, -51.9970, 22.7470

Deuteranomaly

110.1140, -61.0740, 16.5420

Tritanomaly

111.6320, -39.7060, 3.7340

Monochromacy



Original Color

115.9750, -41.2690, 26.5630

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1960, -14.8110, 9.6130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.9750, -41.2690, 26.5630 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(93, 110, 207)` looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 207)  
}
```

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(93, 110, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 207) }
```

Border

The CSS property to change the border of an element to YIQ 115.9750, -41.2690, 26.5630 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(93, 110, 207) }
```


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

```
.border{ border-color:rgb(93, 110, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 207);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 115.9750, -41.2690, 26.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 207) }
```

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

```
.background{ background-color: rgb(93, 110,  
207) }
```

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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