

Converting Colors

YIQ(115.7530, -5.2330, 34.2790)

Have a look what the booklet for
YIQ(115.7530, -5.2330, 34.2790)
contains.

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Color

**YIQ(115.7530, -5.2330,
34.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	845FB4
RGB	132, 95, 180
RGB Percent	52%, 37%, 71%
CMY	0.4822, 0.6275, 0.2942
CMYK	0.27, 0.47, 0.00, 0.29
HSL	266°, 36%, 54%
HSV	266°, 47%, 71%
XYZ	21.8481, 16.3845, 45.1792
YIQ	115.7530, -5.2330, 34.2790

Conversions

Conversions Part 2

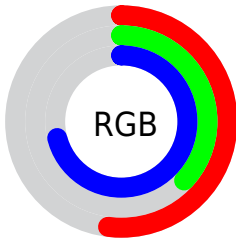
Format	Color
RYB	132, 95, 180
Decimal	8675252
CIELab	47.47, 32.69, -39.73
CIELCh	47, 51.451, 309.444
Yxy	16.3845, 0.2619, 0.1964
Android (android.graphics.Color)	4286865332 (0xFF845FB4)
YUV	115.7530, 31.6738, 14.2486
Hunter-Lab	40.4777, 25.5105, -37.8421

Details

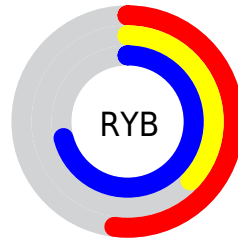
The YIQ color **115.7530, -5.2330, 34.2790** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **159.2470, 5.2330, -34.2790**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5190, -4.4540, 36.6820**, and **65.9870, -6.0120, 31.8760** is the 20% darker color. If you saturate the color by 10%, you get **102.1970, -6.2430, 41.5730**, and if you desaturate by 10%, it is **129.3090, -4.2230, 26.9850**.

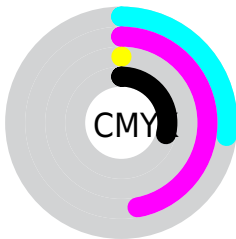
Distribution



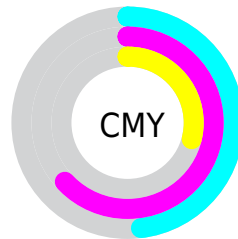
- Red (52%)
- Green (37%)
- Blue (71%)



- Red (52%)
- Yellow (37%)
- Blue (71%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)
- Black (29%)



- Cyan (48%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.7530, -5.2330, 34.2790 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 115.7530, -5.2330, 34.2790 by changing the saturation by 10% instead.

■ 115.7530, -5.2330,
34.2790

■ 115.7530, -5.2330,
34.2790

■ 255.0000, -0.0000,
-0.0000

■ 90.8130, -5.4620,
32.9220

■ 168.5190, -4.4540,
36.6820

■ 65.9870, -6.0120,
31.8760

■ 194.9060, -1.2900,
34.4060

■ 42.3350, -7.1120,
29.7840

■ 220.0130, 8.2940,
25.9100

■ 18.9110, -8.8540,
28.3140

■ 239.7380, 7.1500,
13.5980

■ 6.3410, -16.4170,
16.6950

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,

0.6220

■ 0.0000, 0.0000,
0.0000

■ 115.7530, -5.2330,
34.2790

■ 115.7530, -5.2330,
34.2790

■ 102.1970, -6.2430,
41.5730

■ 129.3090, -4.2230,
26.9850

■ 88.6410, -7.2530,
48.8670

■ 142.8650, -3.2130,
19.6910

■ 75.0850, -8.2630,
56.1610

■ 156.4210, -2.2030,
12.3970

■ 61.2300, -9.8690,
63.2430

■ 170.2760, -0.5970,
5.3150

■ 47.6740, -10.8790,
70.5370

■ 183.8320, 0.4130,
-1.9790

■ 43.8420, -11.2920,
72.5160

■ 197.3880, 1.4230,
-9.2730

■ 210.9440, 2.4330,
-16.5670

■ 224.5000, 3.4430,
-23.8610

■ 236.8820, 5.0030,
-30.1090

Harmonies

Analogous

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



101.1620, -70.1970, 11.1710



115.7530, -5.2330, 34.2790



113.9400, 36.9010, 41.6130

Triad

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



115.7530, -5.2330, 34.2790



108.3190, 58.5970, -10.1950



92.4350, -77.0210, -30.3730

Complementary

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



115.7530, -5.2330, 34.2790



159.2470, 5.2330, -34.2790

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.



86.0170, -61.7050, -43.6330



115.7530, -5.2330, 34.2790



105.3510, 37.2350, -30.5490

Square

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



115.7530, -5.2330, 34.2790



109.1040, 67.5330, 15.0930



100.3600, -2.5150, -37.0350



96.5220, -89.9070, -17.0990

Rectangle

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



115.7530, -5.2330, 34.2790



110.4120, 55.8830, 39.0110



100.3600, -2.5150, -37.0350



90.6110, -71.8850, -35.3490

Sweetspot

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



115.7530, -5.2330, 34.2790



209.9480, -2.2490, 13.2310



132.8660, -40.4850, 1.3310



101.9710, -1.0560, 8.1280



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



115.7530, -5.2330, 34.2790



133.6180, -8.4460, 53.9700



128.3110, 19.7990, 43.1830



82.2220, -0.5050, 3.6470



37.4750, -9.1810, 61.7870



6.2530, -1.7900, 10.4180

Inverse Universe

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



125.8870, 35.2520, 32.9480



149.6160, 55.7890, 51.7330



146.6890, -19.7990, -43.1830



83.2610, 3.7590, 3.4630



55.5510, 63.5820, 59.1820



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 115.7530, -5.2330, 34.2790 looks on a white background.

Color Contrast Check

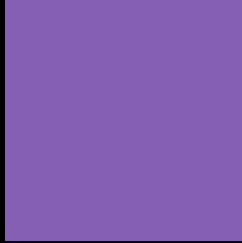
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7530, -5.2330, 34.2790 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 115.7530, -5.2330, 34.2790

Background



This preview shows how black text looks on a background with the YIQ color 115.7530, -5.2330, 34.2790.



This preview shows how white text looks on a background with the YIQ color 115.7530, -5.2330,

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

115.7530, -5.2330, 34.2790

Protanopia

109.4100, -47.2280, 18.9160

Deuteranopia

110.0160, -40.4870, 12.3850



Tritanopia

113.6140, 4.2630, 5.3430

Trichromacy



Original Color

115.7530, -5.2330, 34.2790

Protanomaly

111.8850, -32.3280, 24.2160

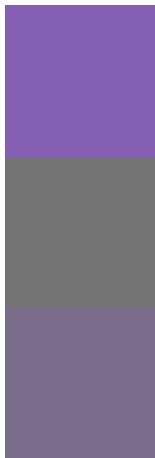
Deuteranomaly

111.7020, -27.5590, 20.3850

Tritanomaly

114.4970, 0.6390, 15.9590

Monochromacy



Original Color

115.7530, -5.2330, 34.2790

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7200, -1.6070, 12.6090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7530, -5.2330, 34.2790 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, 95, 180)` looks like.

```
.text, #text, p{  
    color:rgb(132, 95, 180)  
}
```

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, 95, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 95, 180) }
```

Border

The CSS property to change the border of an element to YIQ 115.7530, -5.2330, 34.2790 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, 95, 180) }
```


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

```
.border{ border-color:rgb(132, 95, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 95, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 95, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 95, 180);  
box-shadow:4px 4px 4px 4px rgb(132, 95,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7530, -5.2330, 34.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 95, 180) }
```

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

```
.background{ background-color: rgb(132, 95,  
180) }
```

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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