

Converting Colors

YIQ(85.4510, -28.1100, 24.8660)

Have a look what the booklet for
YIQ(85.4510, -28.1100, 24.8660)
contains.

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Color

**YIQ(85.4510, -28.1100,
24.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4D9F
RGB	74, 77, 159
RGB Percent	29%, 30%, 62%
CMY	0.7097, 0.6980, 0.3766
CMYK	0.53, 0.52, 0.00, 0.38
HSL	238°, 36%, 46%
HSV	238°, 53%, 62%
XYZ	11.7330, 9.2659, 33.9507
YIQ	85.4510, -28.1100, 24.8660

Conversions

Conversions Part 2

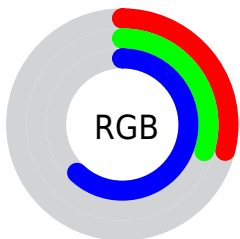
Format	Color
R_{YB}	74, 77, 159
Decimal	4869535
CIE _{Lab}	36.49, 22.70, -45.12
CIE _{LCh}	36, 50.508, 296.711
Yxy	9.2659, 0.2135, 0.1686
Android (android.graphics.Color)	4283059615 (0xFF4A4D9F)
YUV	85.4510, 36.2597, -10.0425
Hunter-Lab	30.4399, 15.5325, -44.8201

Details

The YIQ color **85.4510, -28.1100, 24.8660** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **147.5490, 28.1100, -24.8660**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9290, -26.4600, 28.0040**, and **33.6620, -39.2500, 17.5020** is the 20% darker color. If you saturate the color by 10%, you get **71.8620, -33.5210, 29.3190**, and if you desaturate by 10%, it is **99.0400, -22.6990, 20.4130**.

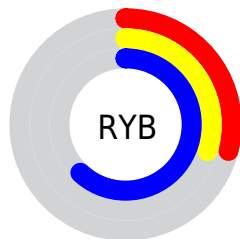
Distribution



Red (29%)

Green (30%)

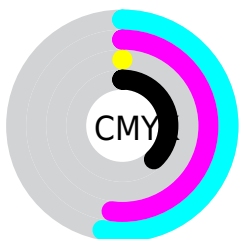
Blue (62%)



Red (29%)

Yellow (30%)

Blue (62%)

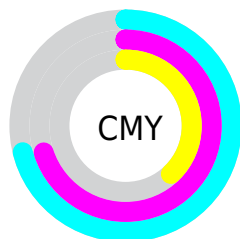


Cyan (53%)

Magenta (52%)

Yellow (0%)

Black (38%)



Cyan (71%)

Magenta (70%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.4510, -28.1100, 24.8660 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 85.4510, -28.1100, 24.8660 by changing the saturation by 10% instead.

■ 85.4510, -28.1100,
24.8660

■ 85.4510, -28.1100,
24.8660

■ 255.0000, -0.0000,
-0.0000

■ 60.5000, -29.8060,
22.5620

■ 136.9290,
-26.4600, 28.0040

■ 33.6620, -39.2500,
17.5020

■ 163.5700,
-26.8270, 29.1490

■ 16.9790, -29.8970,
18.7030

■ 189.4580,
-20.8200, 24.9080

■ 6.6120, -18.6180,
18.0380

■ 213.6790,
-11.5570, 16.7230

■ 5.2780, -12.1060,
10.1500

■ 239.0850, -1.3770,
8.4390

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 85.4510, -28.1100,
24.8660

■ 85.4510, -28.1100,
24.8660

■ 71.8620, -33.5210,
29.3190

■ 99.0400, -22.6990,
20.4130

■ 57.6860, -38.6570,
34.2950

■ 113.2160,
-17.5630, 15.4370

■ 44.0970, -44.0680,
38.7480

■ 126.8050,
-12.1520, 10.9840

■ 30.5080, -49.4790,
43.2010

■ 140.3940, -6.7410,
6.5310

■ 21.6480, -52.6890,
46.3110

■ 154.2710, -2.2010,
1.3430

■ 167.8600, 3.2100,
-3.1100

■ 181.4490, 8.6210,
-7.5630

■ 195.6250, 13.7570,
-12.5390

■ 209.2140, 19.1680,
-16.9920

Harmonies

Analogous

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



73.0420, -78.9070, 3.8210



85.4510, -28.1100, 24.8660



87.2630, 19.7540, 38.4900

Triad

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



85.4510, -28.1100, 24.8660



81.6000, 59.6040, -0.9080



70.1680, -54.2800, -29.5120

Complementary

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



85.4510, -28.1100, 24.8660



147.5490, 28.1100, -24.8660

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.



63.6190, -39.9730, -41.0050



85.4510, -28.1100, 24.8660



81.0130, 41.5430, -20.5130

Square

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



85.4510, -28.1100, 24.8660



79.8620, 62.7630, 24.4510



75.8090, 15.2740, -34.5340



74.8420, -67.4410, -16.7610

Rectangle

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



85.4510, -28.1100, 24.8660



83.0500, 42.4030, 41.0190



75.8090, 15.2740, -34.5340



67.9850, -49.5110, -33.3430

Sweetspot

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



85.4510, -28.1100, 24.8660



178.3490, -10.8680, 9.7400



133.1290, -49.3760, -19.2640



87.2800, -6.4200, 6.2200



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



85.4510, -28.1100, 24.8660



92.0970, -44.0680, 38.7480



95.0520, -4.6370, 34.4910



71.9120, -2.5680, 2.4880



19.2370, -47.2780, 41.8580



2.2970, -5.0900, 4.1420

Inverse Universe

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



99.7570, 49.6970, 18.9530



114.3370, 77.6630, 29.7510



137.9480, 4.6370, -34.4910



73.3920, 4.7680, 1.6960



43.3270, 83.6230, 31.8710



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 85.4510, -28.1100, 24.8660 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 ✓ Pass

Black Background



This preview shows how the YIQ color 85.4510, -28.1100, 24.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

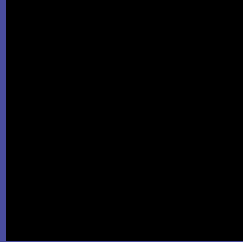
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4510, -28.1100, 24.8660

Background



This preview shows how black text looks on a background with the YIQ color 85.4510, -28.1100, 24.8660.



This preview shows how white text looks on a background with the YIQ color 85.4510, -28.1100,

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

85.4510, -28.1100, 24.8660

Protanopia

78.8930, -53.1420, 15.9620

Deuteranopia

68.6250, -73.3590, 2.3930



Tritanopia

81.1370, -25.4910, -6.0910

Trichromacy



Original Color

85.4510, -28.1100, 24.8660

Protanomaly

81.3780, -44.2020, 19.1420

Deuteranomaly

74.5780, -56.8090, 10.8310

Tritanomaly

83.1020, -26.4100, 5.0620

Monochromacy



Original Color

85.4510, -28.1100, 24.8660

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.1210, -10.2260, 9.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4510, -28.1100, 24.8660 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(74, 77, 159)` looks like.

```
.text, #text, p{  
    color:rgb(74, 77, 159)  
}
```

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(74, 77, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 77, 159) }
```

Border

The CSS property to change the border of an element to YIQ 85.4510, -28.1100, 24.8660 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(74, 77, 159) }
```


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

```
.border{ border-color:rgb(74, 77, 159) }
```

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

Here you see how a box with a 4 pixel rgb(74, 77, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 77, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 77, 159);  
box-shadow:4px 4px 4px 4px rgb(74, 77,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4510, -28.1100, 24.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 77, 159) }
```

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

```
.background{ background-color: rgb(74, 77,  
159) }
```

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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