

Converting Colors

YIQ(86.9440, -29.6750, 58.7490)

Have a look what the booklet for
YIQ(86.9440, -29.6750, 58.7490)
contains.

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Color

**YIQ(86.9440, -29.6750,
58.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	5F39DC
RGB	95, 57, 220
RGB Percent	37%, 22%, 86%
CMY	0.6272, 0.7765, 0.1375
CMYK	0.57, 0.74, 0.00, 0.14
HSL	254°, 70%, 54%
HSV	254°, 74%, 86%
XYZ	19.0968, 10.5242, 68.6918
YIQ	86.9440, -29.6750, 58.7490

Conversions

Conversions Part 2

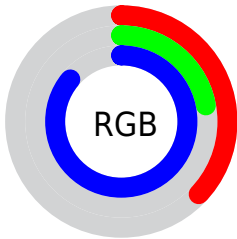
Format	Color
RYB	95, 57, 220
Decimal	6240732
CIELab	38.77, 56.78, -77.11
CIELCh	39, 95.758, 306.369
Yxy	10.5242, 0.1942, 0.1070
Android (android.graphics.Color)	4284430812 (0xFF5F39DC)
YUV	86.9440, 65.5966, 7.0651
Hunter-Lab	32.4411, 48.3039, -102.8338

Details

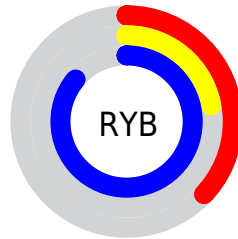
The YIQ color **86.9440, -29.6750, 58.7490** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **190.0560, 29.6750, -58.7490**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.4090, -17.9830, 56.1050**, and **19.8920, -50.2600, 51.8520** is the 20% darker color. If you saturate the color by 10%, you get **68.9470, -33.7570, 66.6510**, and if you desaturate by 10%, it is **104.9410, -25.5930, 50.8470**.

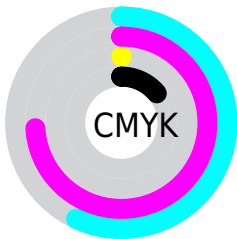
Distribution



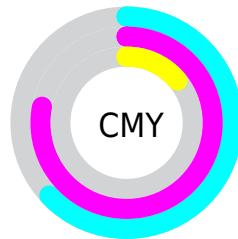
- Red (37%)
- Green (22%)
- Blue (86%)



- Red (37%)
- Yellow (22%)
- Blue (86%)



- Cyan (57%)
- Magenta (74%)
- Yellow (0%)
- Black (14%)



- Cyan (63%)
- Magenta (78%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.9440, -29.6750, 58.7490 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 86.9440, -29.6750, 58.7490 by changing the saturation by 10% instead.

■ 86.9440, -29.6750,
58.7490

■ 86.9440, -29.6750,
58.7490

■ 255.0000, -0.0000,
-0.0000

■ 58.2100, -33.4800,
56.1200

■ 139.4090,
-17.9830, 56.1050

■ 19.7780, -49.9390,
51.5410

■ 164.2280, -7.5280,
48.3440

■ 15.5040, -43.6560,
42.2960

■ 189.3460, 3.5230,
40.7950

■ 12.5400, -35.3100,
34.2100

■ 214.1650, 13.9780,
33.0340

■ 12.5110, -28.3390,
23.5090

■ 233.2810, 10.1750,
19.3510

■ 10.3620, -20.9100,
15.5220

■ 250.3040, 2.2000,

■ 5.3920, -12.4270,

4.1840

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 86.9440, -29.6750,
58.7490

■ 86.9440, -29.6750,
58.7490

■ 68.9470, -33.7570,
66.6510

■ 104.9410,
-25.5930, 50.8470

■ 50.9500, -37.8390,
74.5530

■ 122.9380,
-21.5110, 42.9450

■ 40.3290, -40.2240,
79.2320

■ 140.9350,
-17.4290, 35.0430

■ 158.6330,
-13.9430, 26.9290

■ 176.6300, -9.8610,
19.0270

■ 194.6270, -5.7790,
11.1250

■ 212.6240, -1.6970,
3.2230

■ 230.6210, 2.3850,
-4.6790

■ 248.6180, 6.4670,
-12.5810

Harmonies

Analogous

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



86.7270, -107.7960, 26.2840



86.9440, -29.6750, 58.7490



74.4800, 63.4850, 88.4850

Triad

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



86.9440, -29.6750, 58.7490



82.7610, 78.2640, 2.3280



82.0510, -67.0720, -28.9600

Complementary

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



86.9440, -29.6750, 58.7490



190.0560, 29.6750, -58.7490

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.



69.9160, -37.0360, -55.6920



86.9440, -29.6750, 58.7490



84.1810, 31.9620, -28.5980

Square

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



86.9440, -29.6750, 58.7490



60.3980, 120.3920, 42.8240



64.5700, -30.2500, -57.5300



91.4160, -92.0640, -5.5360

Rectangle

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



86.9440, -29.6750, 58.7490



75.6570, 93.2430, 77.8110



64.5700, -30.2500, -57.5300



78.2720, -57.8090, -37.1450

Sweetspot

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



86.9440, -29.6750, 58.7490



209.2710, -10.2280, 20.1720



148.9570, -86.6980, -14.6820



100.2680, -6.1460, 12.2700



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.



86.9440, -29.6750, 58.7490



69.7250, -41.2790, 81.8330



111.1630, 18.6010, 75.9210



100.8520, -2.3390, 3.8450



31.9810, -31.0970, 62.4950



8.5330, -8.2100, 16.6380

Inverse Universe

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



119.9870, 57.0230, 73.4310



115.7090, 79.4380, 102.2380



165.5380, -19.1970, -76.1330



103.2010, 3.9880, 4.8200



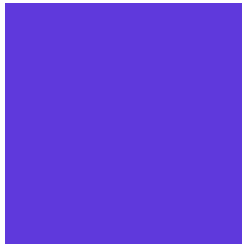
66.8890, 60.4150, 78.0390



17.7440, 16.1810, 20.6370

Previews

White Background



This preview shows how the YIQ color 86.9440, -29.6750, 58.7490 looks on a white background.

Color Contrast Check

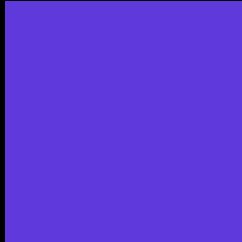
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.9440, -29.6750, 58.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

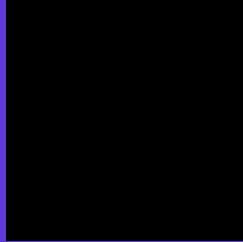
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.9440, -29.6750, 58.7490

Background



This preview shows how black text looks on a background with the YIQ color 86.9440, -29.6750, 58.7490.



This preview shows how white text looks on a background with the YIQ color 86.9440, -29.6750,

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

86.9440, -29.6750, 58.7490

Protanopia

72.7460, -83.5850, 11.5110

Deuteranopia

73.3040, -76.8890, 0.2870



Tritanopia

84.8590, -30.5800, -7.4760

Trichromacy



Original Color

86.9440, -29.6750, 58.7490

Protanomaly

78.2360, -63.8730, 28.7270

Deuteranomaly

78.6460, -59.5160, 21.3480

Tritanomaly

85.5120, -30.0800, 16.5120

Monochromacy



Original Color

86.9440, -29.6750, 58.7490

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

86.9120, -10.5950, 21.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.9440, -29.6750, 58.7490 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(95, 57, 220)` looks like.

```
.text, #text, p{  
    color:rgb(95, 57, 220)  
}
```

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(95, 57, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 57, 220) }
```

Border

The CSS property to change the border of an element to YIQ 86.9440, -29.6750, 58.7490 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(95, 57, 220) }
```


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

```
.border{ border-color:rgb(95, 57, 220) }
```

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

Here you see how a box with a 4 pixel rgb(95, 57, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 57, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 57, 220);  
box-shadow:4px 4px 4px 4px rgb(95, 57,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 86.9440, -29.6750, 58.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 57, 220) }
```

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

```
.background{ background-color: rgb(95, 57,  
220) }
```

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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