

Converting Colors

YIQ(69.2700, -34.8500, 25.8700)

Have a look what the booklet for
YIQ(69.2700, -34.8500, 25.8700)
contains.

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Color

**YIQ(69.2700, -34.8500,
25.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	343E98
RGB	52, 62, 152
RGB Percent	20%, 24%, 60%
CMY	0.7960, 0.7568, 0.4041
CMYK	0.66, 0.59, 0.00, 0.40
HSL	234°, 49%, 40%
HSV	234°, 66%, 60%
XYZ	8.8026, 6.4413, 30.4623
YIQ	69.2700, -34.8500, 25.8700

Conversions

Conversions Part 2

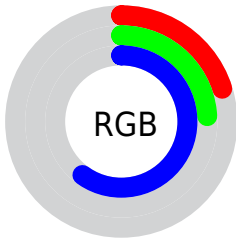
Format	Color
R _Y B	52, 61, 152
Decimal	3423896
CIE Lab	30.50, 25.79, -50.64
CIE LCh	30, 56.825, 296.990
Yxy	6.4413, 0.1926, 0.1409
Android (android.graphics.Color)	4281613976 (0xFF343E98)
YUV	69.2700, 40.7859, -15.1458
Hunter-Lab	25.3797, 17.4960, -53.3980

Details

The YIQ color **69.2700, -34.8500, 25.8700** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **134.7300, 34.8500, -25.8700**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.4710, -30.8620, 30.6900**, and **23.1400, -37.6000, 20.6400** is the 20% darker color. If you saturate the color by 10%, you get **56.5670, -39.9400, 30.0120**, and if you desaturate by 10%, it is **81.9730, -29.7600, 21.7280**.

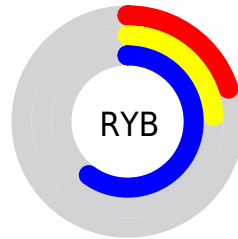
Distribution



Red (20%)

Green (24%)

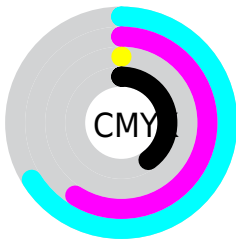
Blue (60%)



Red (20%)

Yellow (24%)

Blue (60%)

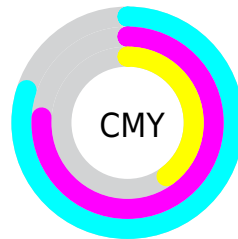


Cyan (66%)

Magenta (59%)

Yellow (0%)

Black (40%)



Cyan (80%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2700, -34.8500, 25.8700 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 69.2700, -34.8500, 25.8700 by changing the saturation by 10% instead.

■ 69.2700, -34.8500,
25.8700

■ 69.2700, -34.8500,
25.8700

■ 255.0000, -0.0000,
-0.0000

■ 41.7310, -43.6980,
21.0220

■ 120.4710,
-30.8620, 30.6900

■ 23.1400, -37.6000,
20.6400

■ 147.4110,
-30.6330, 32.0470

■ 8.6640, -24.3960,
23.6360

■ 173.2110,
-27.1940, 30.2940

■ 8.2760, -17.7920,
14.0800

■ 197.7310,
-17.3350, 22.3210

■ 4.5940, -10.1800,
8.2840

■ 222.8380, -7.7510,
13.8250

■ 0.0000, 0.0000,
0.0000

■ 248.2440, 2.4290,

5.5410

■ 69.2700, -34.8500,
25.8700

■ 69.2700, -34.8500,
25.8700

■ 56.5670, -39.9400,
30.0120

■ 81.9730, -29.7600,
21.7280

■ 44.4510, -45.3050,
33.6310

■ 94.0890, -24.3950,
18.1090

■ 31.4490, -50.9910,
37.5610

■ 107.0910,
-18.7090, 14.1790

■ 26.1330, -52.9170,
39.4270

■ 119.7940,
-13.6190, 10.0370

■ 131.9100, -8.2540,
6.4180

■ 144.6130, -3.1640,
2.2760

■ 157.3160, 1.9260,
-1.8660

■ 169.7310, 7.8870,
-5.2730

■ 182.4340, 12.9770,
-9.4150

Harmonies

Analogous

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



64.8410, -73.7270, 9.0650



69.2700, -34.8500, 25.8700



69.3330, 22.7330, 45.0770

Triad

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



69.2700, -34.8500, 25.8700



65.5510, 61.3000, 1.3960



60.3540, -45.9360, -26.5440

Complementary

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



69.2700, -34.8500, 25.8700



134.7300, 34.8500, -25.8700

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.



53.0070, -29.3820, -40.2140



69.2700, -34.8500, 25.8700



68.3100, 36.4530, -16.3710

Square

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



69.2700, -34.8500, 25.8700



56.4380, 70.1890, 33.0450



62.4970, 7.5250, -31.7630



65.4840, -60.3810, -12.5490

Rectangle

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



69.2700, -34.8500, 25.8700



56.2720, 51.0660, 54.7300



62.4970, 7.5250, -31.7630



57.9430, -40.5250, -30.9970

Sweetspot

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



69.2700, -34.8500, 25.8700



163.7940, -13.6190, 10.0370



120.9600, -56.3900, -24.3100



79.7960, -7.9330, 6.1070



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



69.2700, -34.8500, 25.8700



68.0620, -54.1550, 39.8370



75.3600, -8.2600, 39.5800



70.4990, -2.8430, 1.9650



24.1780, -48.7900, 36.2180



2.0690, -4.4480, 3.5200

Inverse Universe

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



83.0400, 56.3900, 24.3100



89.1690, 87.2440, 37.8360



128.6400, 8.2600, -39.5800



71.5060, 4.4470, 2.0070



43.4560, 78.9460, 34.0340



4.0010, 7.4270, 3.0670

Previews

White Background



This preview shows how the YIQ color 69.2700, -34.8500, 25.8700 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 69.2700, -34.8500, 25.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

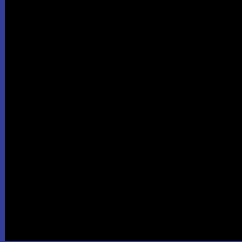
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2700, -34.8500, 25.8700

Background



This preview shows how black text looks on a background with the YIQ color 69.2700, -34.8500, 25.8700.



This preview shows how white text looks on a background with the YIQ color 69.2700, -34.8500,

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

69.2700, -34.8500, 25.8700

Protanopia

57.2610, -66.1620, 9.6300

Deuteranopia

57.8020, -60.7960, 0.4840



Tritanopia

56.7640, -49.6060, -15.0940

Trichromacy



Original Color

69.2700, -34.8500, 25.8700

Protanomaly

61.4090, -54.6550, 15.8490

Deuteranomaly

62.1610, -51.2610, 9.4030

Tritanomaly

61.0720, -44.0610, 0.0590

Monochromacy



Original Color

69.2700, -34.8500, 25.8700

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.8650, -12.3810, 9.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2700, -34.8500, 25.8700 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(52, 62, 152)` looks like.

```
.text, #text, p{  
    color:rgb(52, 62, 152)  
}
```

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(52, 62, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 62, 152) }
```

Border

The CSS property to change the border of an element to YIQ 69.2700, -34.8500, 25.8700 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(52, 62, 152) }
```


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

```
.border{ border-color:rgb(52, 62, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 62, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 62, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 62, 152);  
box-shadow:4px 4px 4px 4px rgb(52, 62,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 69.2700, -34.8500, 25.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 62, 152) }
```

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

```
.background{ background-color: rgb(52, 62,  
152) }
```

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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