

Converting Colors

YIQ(59.0490, -44.1130, 34.0550)

Have a look what the booklet for
YIQ(59.0490, -44.1130, 34.0550)
contains.

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Color

**YIQ(59.0490, -44.1130,
34.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	2631A6
RGB	38, 49, 166
RGB Percent	15%, 19%, 65%
CMY	0.8509, 0.8078, 0.3493
CMYK	0.77, 0.70, 0.00, 0.35
HSL	235°, 63%, 40%
HSV	235°, 77%, 65%
XYZ	8.7750, 5.3600, 36.6159
YIQ	59.0490, -44.1130, 34.0550

Conversions

Conversions Part 2

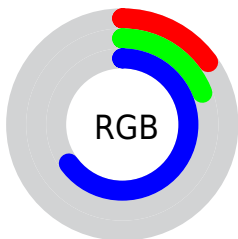
Format	Color
R_{YB}	38, 48, 166
Decimal	2503078
CIE _{Lab}	27.74, 37.46, -63.67
CIE _{LCh}	28, 73.875, 300.470
Yxy	5.3600, 0.1729, 0.1056
Android (android.graphics.Color)	4280693158 (0xFF2631A6)
YUV	59.0490, 52.7268, -18.4600
Hunter-Lab	23.1517, 27.1399, -77.5647

Details

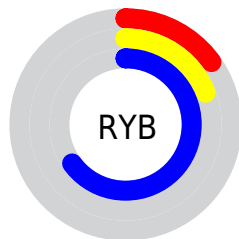
The YIQ color **59.0490, -44.1130, 34.0550** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **144.9510, 44.1130, -34.0550**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **113.0550, -35.0820, 41.0940**, and **17.5780, -38.4730, 30.9590** is the 20% darker color. If you saturate the color by 10%, you get **45.1610, -50.1200, 38.2960**, and if you desaturate by 10%, it is **72.9370, -38.1060, 29.8140**.

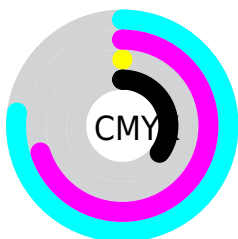
Distribution



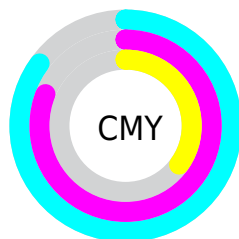
- Red (15%)
- Green (19%)
- Blue (65%)



- Red (15%)
- Yellow (19%)
- Blue (65%)



- Cyan (77%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (81%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.0490, -44.1130, 34.0550 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 59.0490, -44.1130, 34.0550 by changing the saturation by 10% instead.

■ 59.0490, -44.1130,
34.0550

■ 59.0490, -44.1130,
34.0550

■ 255.0000, -0.0000,
-0.0000

■ 32.2820, -52.3190,
28.5850

■ 113.0550,
-35.0820, 41.0940

■ 17.5780, -38.4730,
30.9590

■ 139.7070,
-33.9820, 43.1860

■ 9.9180, -27.9270,
27.0570

■ 164.3950,
-24.5360, 37.1920

■ 10.7040, -21.8730,
16.4550

■ 188.3280,
-14.4020, 29.7420

■ 6.3210, -13.6650,
10.8710

■ 213.7340, -4.2220,
21.4580

■ 2.6390, -6.0530,
5.0750

■ 239.1400, 5.9580,

■ 0.0000, 0.0000,

13.1740

0.0000

■ 59.0490, -44.1130,
34.0550

■ 59.0490, -44.1130,
34.0550

■ 45.1610, -50.1200,
38.2960

■ 72.9370, -38.1060,
29.8140

■ 31.5720, -55.5310,
42.7490

■ 86.5260, -32.6950,
25.3610

■ 27.1420, -57.1360,
44.3040

■ 101.0010,
-26.9630, 20.5970

■ 114.5900,
-21.5520, 16.1440

■ 128.4780,
-15.5450, 11.9030

■ 142.3660, -9.5380,
7.6620

■ 155.9550, -4.1270,
3.2090

■ 169.8430, 1.8800,
-1.0320

■ 184.0190, 7.0160,
-6.0080

Harmonies

Analogous

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



64.7730, -79.0470, 17.3770



59.0490, -44.1130, 34.0550



52.5930, 37.4010, 65.6010

Triad

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



59.0490, -44.1130, 34.0550



57.3220, 63.6830, 7.7710



57.3050, -44.2400, -24.2400

Complementary

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



59.0490, -44.1130, 34.0550



144.9510, 44.1130, -34.0550

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.



48.7210, -22.8250, -43.4090



59.0490, -44.1130, 34.0550



61.4880, 30.0800, -16.5120

Square

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



59.0490, -44.1130, 34.0550



46.5170, 86.1440, 35.7440



47.5910, -16.4070, -38.5750



65.0910, -63.4080, -7.2480

Rectangle

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



59.0490, -44.1130, 34.0550



55.2520, 62.9860, 58.9700



47.5910, -16.4070, -38.5750



55.0250, -37.8200, -30.4600

Sweetspot

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



59.0490, -44.1130, 34.0550



175.0480, -17.1500, 13.4580



126.2460, -72.1150, -31.1790



84.2950, -10.7760, 8.0720



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



59.0490, -44.1130, 34.0550



48.0070, -69.5170, 53.9310



67.8410, -10.6920, 50.6200



76.9120, -2.5680, 2.4880



24.5030, -51.0830, 39.2290



3.4540, -6.9700, 5.1740

Inverse Universe

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



77.5260, 72.7570, 30.5570



77.3360, 114.9350, 48.1110



136.1590, 10.6920, -50.6200



78.3920, 4.7680, 1.6960



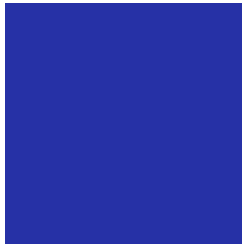
45.7340, 84.0350, 35.4190



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 59.0490, -44.1130, 34.0550 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 59.0490, -44.1130, 34.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

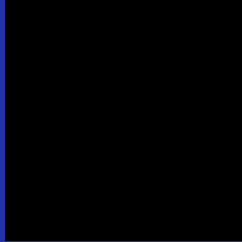
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.0490, -44.1130, 34.0550

Background



This preview shows how black text looks on a background with the YIQ color 59.0490, -44.1130, 34.0550.



This preview shows how white text looks on a background with the YIQ color 59.0490, -44.1130,

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

59.0490, -44.1130, 34.0550

Protanopia

52.1430, -60.0180, 8.4140

Deuteranopia

52.3250, -55.0190, 0.4130



Tritanopia

51.6290, -44.7920, -14.2320

Trichromacy



Original Color

59.0490, -44.1130, 34.0550

Protanomaly

54.7620, -54.1510, 17.7290

Deuteranomaly

54.5680, -50.8490, 12.9510

Tritanomaly

54.1800, -44.2450, 3.3950

Monochromacy



Original Color

59.0490, -44.1130, 34.0550

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.7060, -16.1870, 12.5250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.0490, -44.1130, 34.0550 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(38, 49, 166)` looks like.

```
.text, #text, p{  
    color:rgb(38, 49, 166)  
}
```

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(38, 49, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 49, 166) }
```

Border

The CSS property to change the border of an element to YIQ 59.0490, -44.1130, 34.0550 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(38, 49, 166) }
```


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

```
.border{ border-color:rgb(38, 49, 166) }
```

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

Here you see how a box with a 4 pixel rgb(38, 49, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 49, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 49, 166);  
box-shadow:4px 4px 4px 4px rgb(38, 49,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 59.0490, -44.1130, 34.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 49, 166) }
```

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

```
.background{ background-color: rgb(38, 49,  
166) }
```

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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