

Converting Colors

YIQ(60.2760, 0.5440, 34.2080)

Have a look what the booklet for
YIQ(60.2760, 0.5440, 34.2080)
contains.

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Color

**YIQ(60.2760, 0.5440,
34.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	522676
RGB	82, 38, 118
RGB Percent	32%, 15%, 46%
CMY	0.6783, 0.8510, 0.5373
CMYK	0.30, 0.68, 0.00, 0.54
HSL	273°, 51%, 31%
HSV	273°, 68%, 46%
XYZ	7.4447, 4.4883, 17.6087
YIQ	60.2760, 0.5440, 34.2080

Conversions

Conversions Part 2

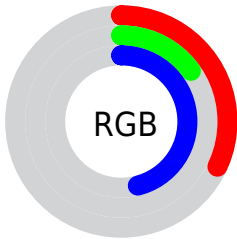
Format	Color
R_{YB}	82, 38, 118
Decimal	5383798
CIE _{Lab}	25.22, 36.24, -37.89
CIE _{LCh}	25, 52.430, 313.726
Yxy	4.4883, 0.2520, 0.1519
Android (android.graphics.Color)	4283573878 (0xFF522676)
YUV	60.2760, 28.4579, 19.0519
Hunter-Lab	21.1856, 25.6510, -34.4498

Details

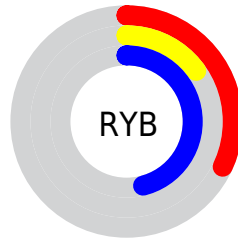
The YIQ color **60.2760, 0.5440, 34.2080** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **95.7240, -0.5440, -34.2080**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.0420, 1.3230, 36.6110**, and **17.4340, -3.0770, 28.2430** is the 20% darker color. If you saturate the color by 10%, you get **51.7370, 0.8640, 39.4240**, and if you desaturate by 10%, it is **68.8150, 0.2240, 28.9920**.

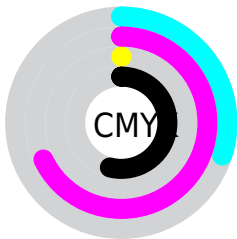
Distribution



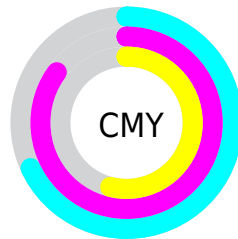
- Red (32%)
- Green (15%)
- Blue (46%)



- Red (32%)
- Yellow (15%)
- Blue (46%)



- Cyan (30%)
- Magenta (68%)
- Yellow (0%)
- Black (54%)



- Cyan (68%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.2760, 0.5440, 34.2080 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 60.2760, 0.5440, 34.2080 by changing the saturation by 10% instead.

60.2760, 0.5440,
34.2080

60.2760, 0.5440,
34.2080

255.0000, -0.0000,
-0.0000

35.8630, 0.2690,
33.6850

110.0420, 1.3230,
36.6110

17.4340, -3.0770,
28.2430

136.1670, 2.4690,
37.8690

5.2440, -14.7660,
14.3060

162.8080, 2.1020,
39.0140

3.3230, -7.9790,
6.9410

190.5200, 2.9730,
39.7490

0.0000, 0.0000,
0.0000

215.0400, 12.8320,
31.7760

233.8680, 9.9000,

18.8280

250.8910, 1.9250,
3.6610

60.2760, 0.5440,
34.2080

60.2760, 0.5440,
34.2080

51.7370, 0.8640,
39.4240

68.8150, 0.2240,
28.9920

42.8990, 0.5880,
44.4280

77.6530, 0.5000,
23.9880

34.9470, 0.6330,
49.1210

85.6050, 0.4550,
19.2950

32.8870, 0.8620,
50.4780

94.1440, 0.1350,
14.0790

102.9820, 0.4110,
9.0750

■ 111.5210, 0.0910,
3.8590

■ 120.0600, -0.2290,
-1.3570

■ 128.0120, -0.2740,
-6.0500

■ 136.8500, 0.0020,
-11.0540

Harmonies

Analogous

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



50.3650, -60.5230, 12.0610



60.2760, 0.5440, 34.2080



45.3310, 43.4100, 50.3060

Triad

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



60.2760, 0.5440, 34.2080



56.8580, 41.0820, -6.6460



53.5040, -45.9380, -15.4900

Complementary

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



60.2760, 0.5440, 34.2080



95.7240, -0.5440, -34.2080

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.



48.1290, -32.1810, -28.0290



60.2760, 0.5440, 34.2080



54.9100, 16.9680, -21.1760

Square

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



60.2760, 0.5440, 34.2080



50.0600, 61.6650, 11.3050



41.6770, -19.5250, -37.1330



57.0210, -57.2190, -3.7710

Rectangle

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



60.2760, 0.5440, 34.2080



44.1720, 56.7990, 44.4390



41.6770, -19.5250, -37.1330



51.9080, -41.4440, -19.8440

Sweetspot

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



60.2760, 0.5440, 34.2080



130.6170, 0.1810, 13.2450



68.2520, -35.5800, 6.0520



63.1560, -0.1390, 8.0290



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



60.2760, 0.5440, 34.2080



63.4680, 0.7240, 52.9800



70.5840, 23.2840, 40.5960



54.5810, -0.1380, 2.5020



33.9410, 0.7700, 52.1460



69.7620, 1.9980, 107.0060

Inverse Universe

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



66.0240, 36.1240, 28.1560



72.4600, 55.9280, 43.7040



85.4160, -23.2840, -40.5960



55.0220, 2.9340, 1.8940



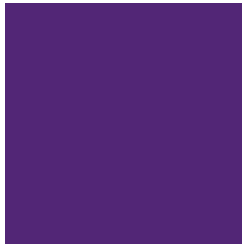
42.7480, 55.0570, 42.9690



87.5180, 113.0480, 87.8320

Previews

White Background



This preview shows how the YIQ color 60.2760, 0.5440, 34.2080 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 60.2760, 0.5440, 34.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

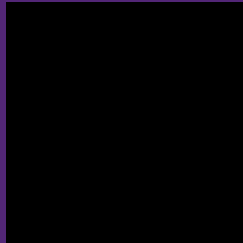
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.2760, 0.5440, 34.2080

Background



This preview shows how black text looks on a background with the YIQ color 60.2760, 0.5440, 34.2080.



This preview shows how white text looks on a background with the YIQ color 60.2760, 0.5440,

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

60.2760, 0.5440, 34.2080

Protanopia

48.1820, -55.7540, 8.2300

Deuteranopia

48.8200, -52.0390, 1.4730



Tritanopia

61.3540, 7.9310, 4.9470

Trichromacy



Original Color

60.2760, 0.5440, 34.2080

Protanomaly

52.8150, -35.3070, 17.6290

Deuteranomaly

52.8490, -32.6470, 13.4730

Tritanomaly

60.8350, 5.4990, 15.9870

Monochromacy



Original Color

60.2760, 0.5440, 34.2080

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.0900, 0.2270, 12.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.2760, 0.5440, 34.2080 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(82, 38, 118)` looks like.

```
.text, #text, p{  
    color:rgb(82, 38, 118)  
}
```

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(82, 38, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 38, 118) }
```

Border

The CSS property to change the border of an element to YIQ 60.2760, 0.5440, 34.2080 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(82, 38, 118) }
```


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

```
.border{ border-color:rgb(82, 38, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 38, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 38, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 38, 118);  
box-shadow:4px 4px 4px 4px rgb(82, 38,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 60.2760, 0.5440, 34.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 38, 118) }
```

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

```
.background{ background-color: rgb(82, 38,  
118) }
```

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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