

Converting Colors

YIQ(60.4320, 16.4590, 4.5790)

Have a look what the booklet for
YIQ(60.4320, 16.4590, 4.5790)
contains.

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Color

**YIQ(60.4320, 16.4590,
4.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	4F3532
RGB	79, 53, 50
RGB Percent	31%, 21%, 20%
CMY	0.6901, 0.7922, 0.8039
CMYK	0.00, 0.33, 0.37, 0.69
HSL	6°, 22%, 25%
HSV	6°, 37%, 31%
XYZ	5.0744, 4.4386, 3.6088
YIQ	60.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

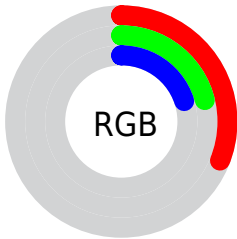
Format	Color
R_YB	79, 53, 50
Decimal	5190962
CIE Lab	25.07, 11.24, 6.57
CIE LCh	25, 13.019, 30.301
Yxy	4.4386, 0.3867, 0.3383
Android (android.graphics.Color)	4283381042 (0xFF4F3532)
YUV	60.4320, -5.1430, 16.2841
Hunter-Lab	21.0679, 6.1247, 4.5914




Details

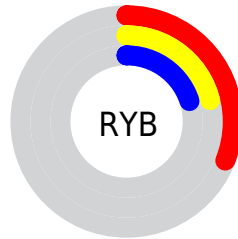
The YIQ color **60.4320, 16.4590, 4.5790** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.5680, -16.4590, -4.5790**, and the grayscale version is **60.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **108.2150, 18.5680, 4.9040**, and **16.0900, 17.4220, 3.6460** is the 20% darker color. If you saturate the color by 10%, you get **55.4110, 20.9520, 5.7520**, and if you desaturate by 10%, it is **65.4530, 11.9660, 3.4060**.

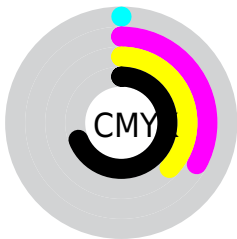
Distribution







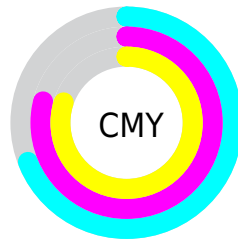
-  Red (31%)
-  Green (21%)
-  Blue (20%)






-  Red (31%)
-  Yellow (21%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (33%)
-  Yellow (37%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (79%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.4320, 16.4590, 4.5790 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 60.4320, 16.4590, 4.5790 by changing the saturation by 10% instead.

60.4320, 16.4590,
4.5790

60.4320, 16.4590,
4.5790

255.0000, -0.0000,
-0.0000

38.5350, 14.6710,
3.9430

108.2150, 18.5680,
4.9040

16.0900, 17.4220,
3.6460

133.5140, 19.1640,
5.1160

0.0000, 0.0000,
0.0000

160.1120, 20.3560,
5.5400

186.4110, 20.9520,
5.7520

214.7100, 21.5480,
5.9640

239.1220, 14.3960,

3.4200

■ 60.4320, 16.4590,
4.5790

■ 60.4320, 16.4590,
4.5790

■ 55.4110, 20.9520,
5.7520

■ 65.4530, 11.9660,
3.4060

■ 50.3900, 25.4450,
6.9250

■ 70.4740, 7.4730,
2.2330

■ 45.3690, 29.9380,
8.0980

■ 75.4950, 2.9800,
1.0600

■ 40.3480, 34.4310,
9.2710

■ 80.5160, -1.5130,
-0.1130

■ 35.4410, 38.6030,
10.7550

■ 85.5370, -6.0060,
-1.2860

■ 29.8330, 43.3710,
12.4510

■ 91.0310, -10.4530,
-3.2930

■ 28.3170, 44.8840,
12.5640

■ 96.0520, -14.9460,
-4.4660

■ 101.0730,
-19.4390, -5.6390

■ 106.0940,
-23.9320, -6.8120

Harmonies

Analogous

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



60.6860, 12.9280, 8.0000



60.4320, 16.4590, 4.5790



60.1990, 15.4970, -0.0150

Triad

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



60.4320, 16.4590, 4.5790



56.6090, -6.5090, -8.6930



58.2790, -13.8470, 3.1530

Complementary

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



60.4320, 16.4590, 4.5790



68.5680, -16.4590, -4.5790

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.



56.1100, -20.8610, -1.8930



60.4320, 16.4590, 4.5790



55.0470, -16.5500, -8.4380

Square

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



60.4320, 16.4590, 4.5790



57.9260, 2.8440, -7.4920



54.6920, -22.7400, -6.3880



60.3620, -3.7150, 6.7570

Rectangle

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



60.4320, 16.4590, 4.5790



59.5360, 12.9300, -3.0540



54.6920, -22.7400, -6.3880



57.6700, -16.5060, 1.7820

Sweetspot

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



60.4320, 16.4590, 4.5790



94.8760, 6.2810, 1.8090



61.6350, 8.9380, 14.2340



46.6800, 3.8970, 0.9610



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



60.4320, 16.4590, 4.5790



73.3900, 25.4450, 6.9250



68.6500, 12.6090, -2.7430



35.7830, 2.1090, 0.3250



36.3680, 58.0420, 16.3940



82.8580, 130.4800, 36.2080

Inverse Universe

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



68.5680, -16.4590, -4.5790



85.6100, -25.4450, -6.9250



60.3500, -12.6090, 2.7430



36.8040, -2.3840, -0.8480



65.6320, -58.0420, -16.3940



147.1420, -130.4800, -36.2080

Previews

White Background



This preview shows how the YIQ color 60.4320, 16.4590, 4.5790 looks on a white background.

Color Contrast Check

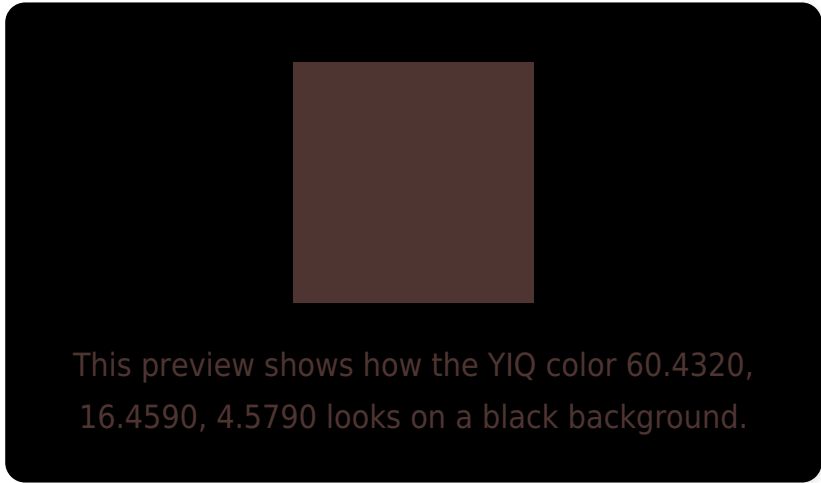
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

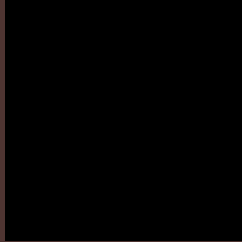
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.4320, 16.4590, 4.5790

Background



This preview shows how black text looks on a background with the YIQ color 60.4320, 16.4590, 4.5790.



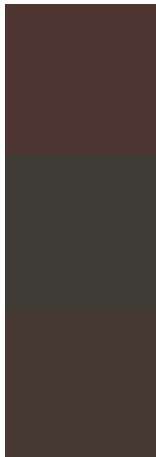
This preview shows how white text looks on a background with the YIQ color 60.4320, 16.4590,

4.5790.

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

60.4320, 16.4590, 4.5790

Protanopia

59.8000, 3.4390, -1.7530

Deuteranopia

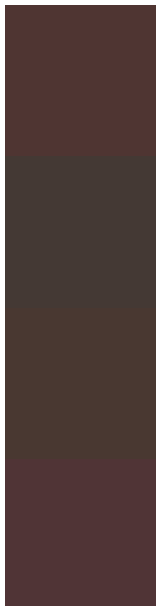
59.6760, 9.7200, 0.0560



Tritanopia

60.8280, 15.4040, 7.1800

Trichromacy



Original Color

60.4320, 16.4590, 4.5790

Protanomaly

59.7190, 8.1610, 0.7770

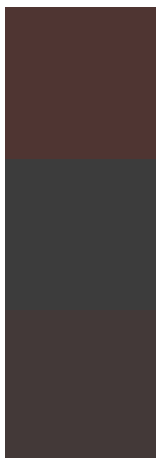
Deuteranomaly

60.2850, 12.3790, 1.4270

Tritanomaly

60.6000, 16.0460, 6.5580

Monochromacy



Original Color

60.4320, 16.4590, 4.5790

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.8760, 6.2810, 1.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.4320, 16.4590, 4.5790 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(79, 53, 50)` looks like.

```
.text, #text, p{  
    color:rgb(79, 53, 50)  
}
```

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(79, 53, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 53, 50) }
```

Border

The CSS property to change the border of an element to YIQ 60.4320, 16.4590, 4.5790 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(79, 53, 50) }
```


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

```
.border{ border-color:rgb(79, 53, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 53, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 53, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 53, 50);  
box-shadow:4px 4px 4px 4px rgb(79, 53, 50)  
}
```

Background

The CSS property to change the background color of an element to YIQ 60.4320, 16.4590, 4.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 53, 50) }
```

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

```
.background{ background-color: rgb(79, 53,  
50) }
```

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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