

Converting Colors

YIQ(60.1760, 14.3040, 5.0880)

Have a look what the booklet for
YIQ(60.1760, 14.3040, 5.0880)
contains.

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Color

**YIQ(60.1760, 14.3040,
5.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3535
RGB	77, 53, 53
RGB Percent	30%, 21%, 21%
CMY	0.6980, 0.7922, 0.7921
CMYK	0.00, 0.31, 0.31, 0.70
HSL	360°, 18%, 25%
HSV	360°, 31%, 30%
XYZ	4.9773, 4.3808, 3.9532
YIQ	60.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

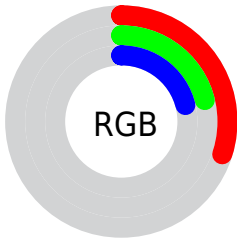
Format	Color
R_{YB}	77, 53, 53
Decimal	5059893
CIE _{Lab}	24.89, 10.80, 4.28
CIE _{LCh}	25, 11.619, 21.609
Yxy	4.3808, 0.3739, 0.3291
Android (android.graphics.Color)	4283249973 (0xFF4D3535)
YUV	60.1760, -3.5378, 14.7546
Hunter-Lab	20.9305, 5.8195, 3.4532

Details

The YIQ color **60.1760, 14.3040, 5.0880** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **69.8240, -14.3040, -5.0880**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.9590, 16.4130, 5.4130**, and **16.0620, 14.6250, 4.7770** is the 20% darker color. If you saturate the color by 10%, you get **54.5680, 19.0720, 6.7840**, and if you desaturate by 10%, it is **65.7840, 9.5360, 3.3920**.

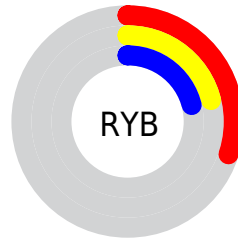
Distribution



Red (30%)

Green (21%)

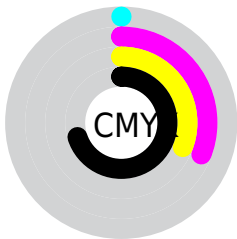
Blue (21%)



Red (30%)

Yellow (21%)

Blue (21%)

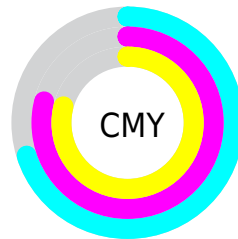


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (70%)



Cyan (70%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.1760, 14.3040, 5.0880 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 60.1760, 14.3040, 5.0880 by changing the saturation by 10% instead.

■ 60.1760, 14.3040,
5.0880

■ 60.1760, 14.3040,
5.0880

■ 255.0000, -0.0000,
-0.0000

■ 38.5780, 13.1120,
4.6640

■ 107.9590, 16.4130,
5.4130

■ 16.0620, 14.6250,
4.7770

■ 133.2580, 17.0090,
5.6250

■ 0.0000, 0.0000,
0.0000

■ 159.5570, 17.6050,
5.8370

■ 186.2690, 18.4760,
6.5720

■ 214.1550, 18.7970,
6.2610

■ 239.4640, 13.4330,

4.3530

■ 60.1760, 14.3040,
5.0880

■ 60.1760, 14.3040,
5.0880

■ 54.5680, 19.0720,
6.7840

■ 65.7840, 9.5360,
3.3920

■ 49.6610, 23.2440,
8.2680

■ 70.6910, 5.3640,
1.9080

■ 44.0530, 28.0120,
9.9640

■ 76.2990, 0.5960,
0.2120

■ 38.4450, 32.7800,
11.6600

■ 81.9070, -4.1720,
-1.4840

■ 32.9510, 37.2270,
13.6670

■ 86.8140, -8.3440,
-2.9680

■ 27.9300, 41.7200,
14.8400

■ 92.4220, -13.1120,
-4.6640

■ 23.0230, 45.8920,
16.3240

■ 98.0300, -17.8800,
-6.3600

■ 103.6380,
-22.6480, -8.0560

■ 108.5450,
-26.8200, -9.5400

Harmonies

Analogous

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



60.6040, 10.2230, 7.4630



60.1760, 14.3040, 5.0880



59.6550, 14.2130, 1.2290

Triad

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



60.1760, 14.3040, 5.0880



57.1040, -3.5290, -7.6330



57.9260, -14.3510, 1.2730

Complementary

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



60.1760, 14.3040, 5.0880



69.8240, -14.3040, -5.0880

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.



55.9530, -18.9810, -2.9250



60.1760, 14.3040, 5.0880



55.9120, -11.7360, -7.5760

Square

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



60.1760, 14.3040, 5.0880



57.7630, 4.8610, -5.4990



55.1440, -18.2010, -6.0490



59.6390, -6.0530, 5.0750

Rectangle

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



60.1760, 14.3040, 5.0880



59.2910, 12.2420, -1.5980



55.1440, -18.2010, -6.0490



56.6160, -16.4140, 0.1140

Sweetspot

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



60.1760, 14.3040, 5.0880



92.8050, 5.0430, 2.2190



62.9120, 6.6000, 12.5520



46.7940, 3.5760, 1.2720



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.



60.1760, 14.3040, 5.0880



73.7640, 21.4560, 7.6320



67.2200, 11.0040, -1.1880



35.1960, 2.3840, 0.8480



30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Inverse Universe

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



60.1760, 14.3040, 5.0880



73.7640, 21.4560, 7.6320



62.7800, -11.0040, 1.1880



35.1960, 2.3840, 0.8480



30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Previews

White Background



This preview shows how the YIQ color 60.1760, 14.3040, 5.0880 looks on a white background.

Color Contrast Check

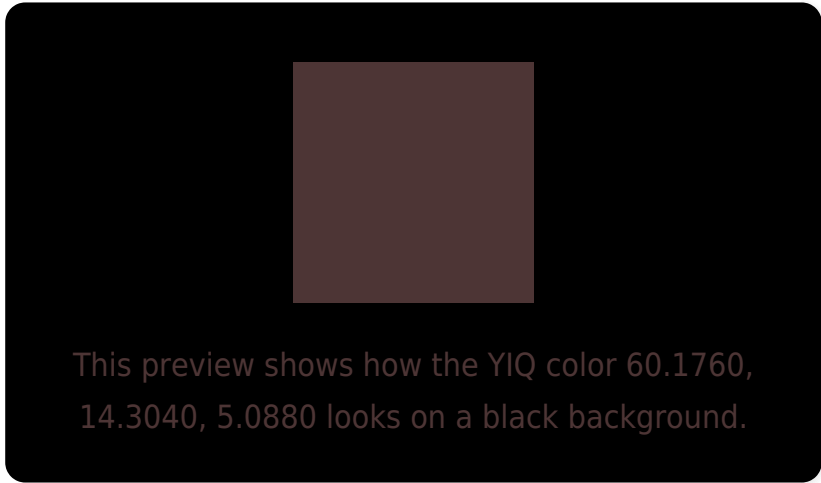
Large Text (above 18pt) WCAG AA ✓ Pass

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

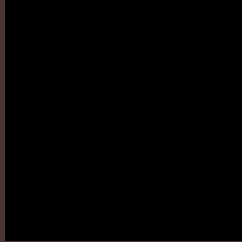
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.1760, 14.3040, 5.0880

Background



This preview shows how black text looks on a background with the YIQ color 60.1760, 14.3040, 5.0880.

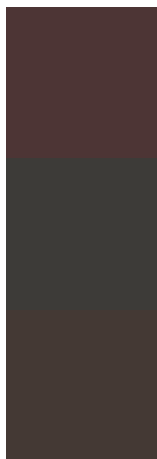


This preview shows how white text looks on a background with the YIQ color 60.1760, 14.3040,

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

60.1760, 14.3040, 5.0880

Protanopia

59.2560, 2.1550, -0.5090

Deuteranopia

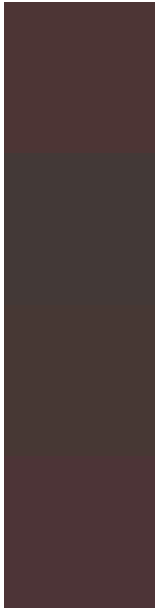
59.7190, 8.1610, 0.7770



Tritanopia

59.9310, 13.6160, 6.5440

Trichromacy



Original Color

60.1760, 14.3040, 5.0880

Protanomaly

59.7620, 6.6020, 1.4980

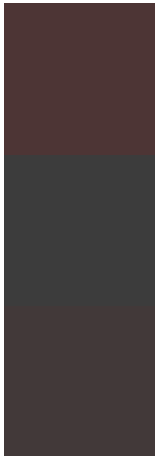
Deuteranomaly

60.0290, 10.2240, 1.9360

Tritanomaly

59.8170, 13.9370, 6.2330

Monochromacy



Original Color

60.1760, 14.3040, 5.0880

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.6910, 5.3640, 1.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.1760, 14.3040, 5.0880 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(77, 53, 53)` looks like.

```
.text, #text, p{  
    color:rgb(77, 53, 53)  
}
```

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(77, 53, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 53, 53) }
```

Border

The CSS property to change the border of an element to YIQ 60.1760, 14.3040, 5.0880 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(77, 53, 53) }
```


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

```
.border{ border-color:rgb(77, 53, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 53, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 53, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 53, 53);  
box-shadow:4px 4px 4px 4px rgb(77, 53, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 60.1760, 14.3040, 5.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 53, 53) }
```

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

```
.background{ background-color: rgb(77, 53,  
53) }
```

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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