

Converting Colors

YIQ(52.2360, 40.4380, 5.0300)

Have a look what the booklet for
YIQ(52.2360, 40.4380, 5.0300)
contains.

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Color

**YIQ(52.2360, 40.4380,
5.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	5E2610
RGB	94, 38, 16
RGB Percent	37%, 15%, 6%
CMY	0.6313, 0.8511, 0.9371
CMYK	0.00, 0.60, 0.83, 0.63
HSL	17°, 71%, 22%
HSV	17°, 83%, 37%
XYZ	5.4054, 3.8036, 0.9412
YIQ	52.2360, 40.4380, 5.0300

Conversions

Conversions Part 2

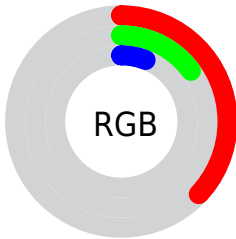
Format	Color
RYB	94, 47, 16
Decimal	6170128
CIELab	23.01, 24.13, 26.21
CIELCh	23, 35.626, 47.369
Yxy	3.8036, 0.5325, 0.3747
Android (android.graphics.Color)	4284360208 (0xFF5E2610)
YUV	52.2360, -17.8643, 36.6270
Hunter-Lab	19.5027, 15.3440, 10.7904

Details

The YIQ color **52.2360, 40.4380, 5.0300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **57.7640, -40.4380, -5.0300**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.1720, 46.4900, 5.4820**, and **12.8570, 25.6280, 9.1160** is the 20% darker color. If you saturate the color by 10%, you get **47.1010, 45.2520, 5.8920**, and if you desaturate by 10%, it is **57.3710, 35.6240, 4.1680**.

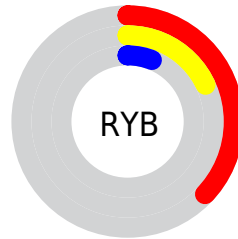
Distribution



 Red (37%)

 Green (15%)

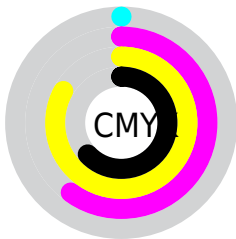
 Blue (6%)



 Red (37%)

 Yellow (18%)

 Blue (6%)

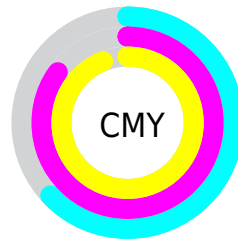


 Cyan (0%)

 Magenta (60%)

 Yellow (83%)

 Black (63%)



 Cyan (63%)

 Magenta (85%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.2360, 40.4380, 5.0300 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 52.2360, 40.4380, 5.0300 by changing the saturation by 10% instead.

■ 52.2360, 40.4380,
5.0300

■ 52.2360, 40.4380,
5.0300

■ 253.5180, 4.1730,
-4.0430

■ 29.1370, 36.4030,
6.5710

■ 101.1720, 46.4900,
5.4820

■ 12.8570, 25.6280,
9.1160

■ 126.9550, 48.5990,
5.8070

■ 0.0000, 0.0000,
0.0000

■ 153.0370, 51.3040,
6.3440

■ 180.8200, 53.4130,
6.6690

■ 205.3140, 48.9660,
4.6620

■ 224.8280, 32.5990,

-1.5850

■ 244.4560, 15.9110,
-7.5210

■ 52.2360, 40.4380,
5.0300

■ 52.2360, 40.4380,
5.0300

■ 47.1010, 45.2520,
5.8920

■ 57.3710, 35.6240,
4.1680

■ 43.3680, 48.8740,
6.3300

■ 62.0330, 30.7640,
4.1400

■ 67.1680, 25.9500,
3.2780

■ 72.4170, 20.8150,
2.7270

■ 77.5520, 16.0010,
1.8650

■ 82.6870, 11.1870,
1.0030

■ 87.3490, 6.3270,
0.9750

■ 92.4840, 1.5130,
0.1130

■ 97.7330, -3.6220,
-0.4380

Harmonies

Analogous

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



51.6080, 39.9310, 19.7310



52.2360, 40.4380, 5.0300



52.3730, 32.1420, -9.8260

Triad

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



52.2360, 40.4380, 5.0300



43.5300, -31.6320, -21.4560



51.5670, -31.9130, 11.1830

Complementary

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



52.2360, 40.4380, 5.0300



57.7640, -40.4380, -5.0300

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.



48.0050, -51.1220, 1.3740



52.2360, 40.4380, 5.0300



47.3090, -40.8950, -13.2710

Square

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



52.2360, 40.4380, 5.0300



45.0730, -11.4120, -24.4680



49.4580, -48.3240, -5.2840



56.2790, 4.4890, 23.2810

Rectangle

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



52.2360, 40.4380, 5.0300



51.4100, 21.5520, -16.1440



49.4580, -48.3240, -5.2840



45.1840, -50.0680, 4.3000

Sweetspot

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



52.2360, 40.4380, 5.0300



105.6660, 15.6800, 2.1760



45.8200, 28.1910, 34.2630



51.3170, 9.3530, 1.2010



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



52.2360, 40.4380, 5.0300



56.4360, 63.3620, 8.0820



74.5420, 29.9880, -14.8440



43.6690, 2.4300, 0.0140



51.0870, 57.0350, 7.1070



110.1920, 122.8270, 15.2030

Inverse Universe

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



57.7640, -40.4380, -5.0300



65.5640, -63.3620, -8.0820



35.4580, -29.9880, 14.8440



43.9180, -2.7050, -0.5370



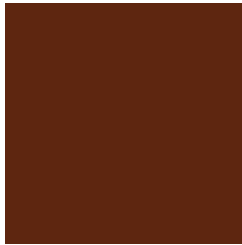
58.9130, -57.0350, -7.1070



126.8080, -122.8270, -15.2030

Previews

White Background



This preview shows how the YIQ color 52.2360, 40.4380, 5.0300 looks on a white background.

Color Contrast Check

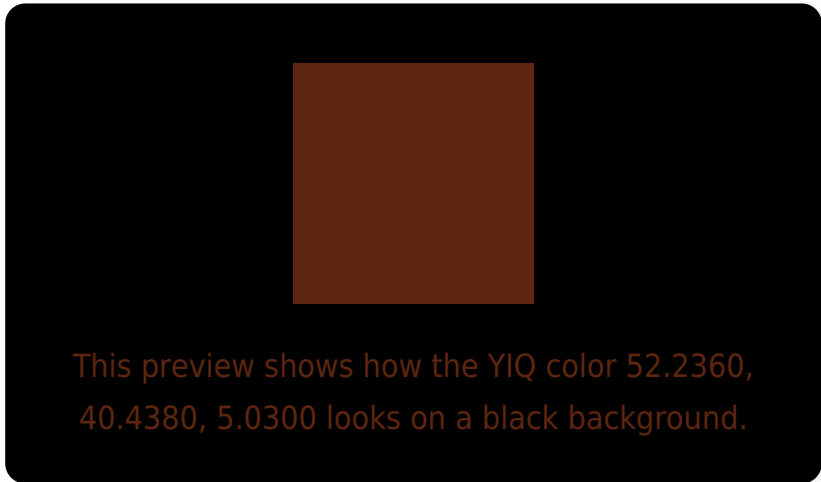
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.2360, 40.4380, 5.0300

Background



This preview shows how black text looks on a background with the YIQ color 52.2360, 40.4380, 5.0300.

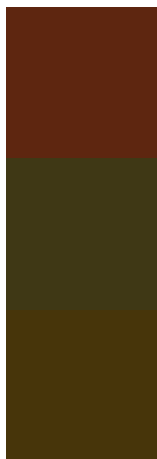


This preview shows how white text looks on a background with the YIQ color 52.2360, 40.4380,

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

52.2360, 40.4380, 5.0300

Protanopia

54.1030, 15.4070, -9.4010

Deuteranopia

53.4800, 24.5310, -9.5570



Tritanopia

53.8690, 34.5220, 13.1300

Trichromacy



Original Color

52.2360, 40.4380, 5.0300

Protanomaly

53.0550, 24.5300, -4.0300

Deuteranomaly

53.1650, 30.0320, -4.6240

Tritanomaly

53.5440, 36.8150, 10.1190

Monochromacy



Original Color

52.2360, 40.4380, 5.0300

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.0680, 14.4880, 1.7520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.2360, 40.4380, 5.0300 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(94, 38, 16)` looks like.

```
.text, #text, p{  
    color:rgb(94, 38, 16)  
}
```

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(94, 38, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 38, 16) }
```

Border

The CSS property to change the border of an element to YIQ 52.2360, 40.4380, 5.0300 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(94, 38, 16) }
```


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

```
.border{ border-color:rgb(94, 38, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 38, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 38, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 38, 16);  
box-shadow:4px 4px 4px 4px rgb(94, 38, 16)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.2360, 40.4380, 5.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 38, 16) }
```

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

```
.background{ background-color: rgb(94, 38,  
16) }
```

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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