

Converting Colors

YIQ(60.6450, 20.1730, 3.3490)

Have a look what the booklet for
YIQ(60.6450, 20.1730, 3.3490)
contains.

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Color

**YIQ(60.6450, 20.1730,
3.3490)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 52352C |
| RGB | 82, 53, 44 |
| RGB Percent | 32%, 21%, 17% |
| CMY | 0.6784, 0.7922, 0.8274 |
| CMYK | 0.00, 0.35, 0.46, 0.68 |
| HSL | 14°, 30%, 25% |
| HSV | 14°, 46%, 32% |
| XYZ | 5.2087, 4.5217, 2.9833 |
| YIQ | 60.6450, 20.1730, 3.3490 |

Conversions

Conversions Part 2

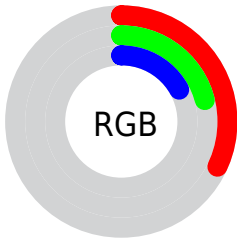
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 82, 56, 44 |
| Decimal | 5387564 |
| CIELab | 25.33, 11.79, 10.96 |
| CIELCh | 25, 16.095, 42.909 |
| Yxy | 4.5217, 0.4097, 0.3557 |
| Android (android.graphics.Color) | 4283577644 (0xFF52352C) |
| YUV | 60.6450, -8.2060, 18.7283 |
| Hunter-Lab | 21.2642, 6.5112, 6.5668 |

Details

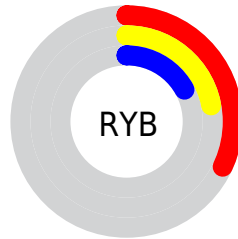
The YIQ color **60.6450, 20.1730, 3.3490** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.3550, -20.1730, -3.3490**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **108.7270, 22.8780, 3.8860**, and **16.3460, 19.5770, 3.1370** is the 20% darker color. If you saturate the color by 10%, you get **56.2110, 24.3910, 3.9990**, and if you desaturate by 10%, it is **65.0790, 15.9550, 2.6990**.

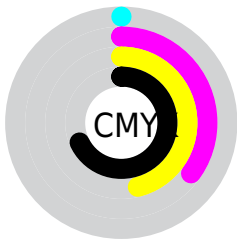
Distribution



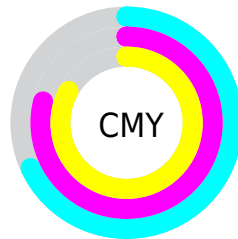
- Red (32%)
- Green (21%)
- Blue (17%)



- Red (32%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (68%)



- Cyan (68%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.6450, 20.1730, 3.3490 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 60.6450, 20.1730, 3.3490 by changing the saturation by 10% instead.

■ 60.6450, 20.1730,
3.3490

■ 60.6450, 20.1730,
3.3490

■ 255.0000, -0.0000,
-0.0000

■ 38.7480, 18.3850,
2.7130

■ 108.7270, 22.8780,
3.8860

■ 16.3460, 19.5770,
3.1370

■ 133.9120, 23.7950,
3.7870

■ 0.0000, 0.0000,
0.0000

■ 160.5100, 24.9870,
4.2110

■ 187.1080, 26.1790,
4.6350

■ 215.2930, 27.0960,
4.5360

■ 238.2100, 16.9640,

0.9320

254.4300, 1.6050,
-1.5550

60.6450, 20.1730,
3.3490

60.6450, 20.1730,
3.3490

56.2110, 24.3910,
3.9990

65.0790, 15.9550,
2.6990

51.1900, 28.8840,
5.1720

70.1000, 11.4620,
1.5260

46.6420, 33.4230,
5.5110

74.6480, 6.9230,
1.1870

42.2080, 37.6410,
6.1610

79.0820, 2.7050,
0.5370

37.7740, 41.8590,
6.8110

83.5160, -1.5130,
-0.1130

■ 35.6710, 43.6470,
7.4470

■ 88.5370, -6.0060,
-1.2860

■ 92.9710, -10.2240,
-1.9360

■ 97.5190, -14.7630,
-2.2750

■ 101.9530,
-18.9810, -2.9250

Harmonies

Analogous

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



61.3230, 18.3840, 8.2400



60.6450, 20.1730, 3.3490



59.8030, 16.5520, -2.6160

Triad

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



60.6450, 20.1730, 3.3490



55.1350, -13.9820, -10.9260



59.7570, -12.1970, 6.2910

Complementary

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



60.6450, 20.1730, 3.3490



65.3550, -20.1730, -3.3490

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.



56.3100, -24.3000, -0.1400



60.6450, 20.1730, 3.3490



53.0180, -26.7740, -10.3740

Square

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



60.6450, 20.1730, 3.3490



57.3060, -1.2820, -9.8100



52.7880, -31.8180, -7.0660



61.5090, 0.3650, 9.9090

Rectangle

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



60.6450, 20.1730, 3.3490



59.3570, 11.8760, -5.9800



52.7880, -31.8180, -7.0660



58.8380, -16.9190, 3.7610

Sweetspot

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



60.6450, 20.1730, 3.3490



98.8330, 7.8400, 1.0880



58.6680, 13.3390, 17.0750



48.7510, 5.1350, 0.5510



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



60.6450, 20.1730, 3.3490



73.1580, 31.9100, 5.3980



71.7980, 14.9480, -6.5880



38.7830, 2.1090, 0.3250



46.0700, 55.7050, 9.1850



101.6530, 123.1470, 20.4190

Inverse Universe

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



65.3550, -20.1730, -3.3490



80.8420, -31.9100, -5.3980



54.2020, -14.9480, 6.5880



39.2170, -2.1090, -0.3250



58.9300, -55.7050, -9.1850



130.3470, -123.1470, -20.4190

Previews

White Background



This preview shows how the YIQ color 60.6450, 20.1730, 3.3490 looks on a white background.

Color Contrast Check

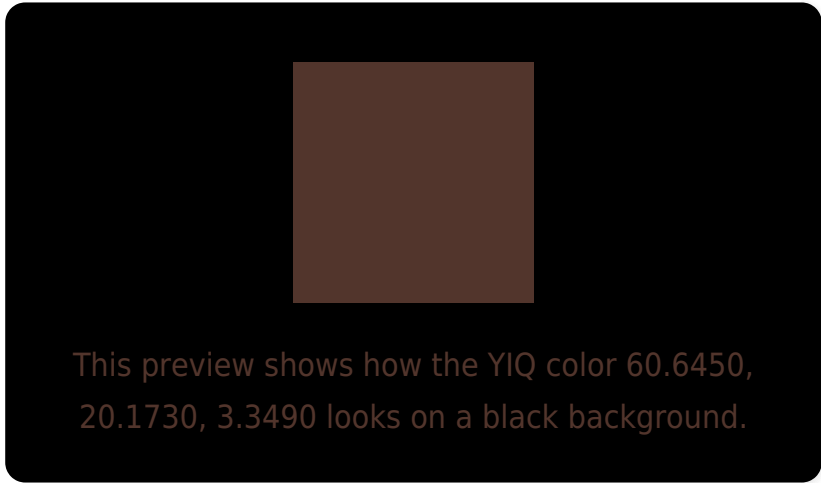
Large Text (above 18pt) WCAG AA ✓ Pass

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

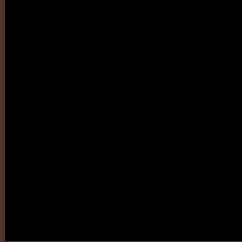
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.6450, 20.1730, 3.3490

Background



This preview shows how black text looks on a background with the YIQ color 60.6450, 20.1730, 3.3490.

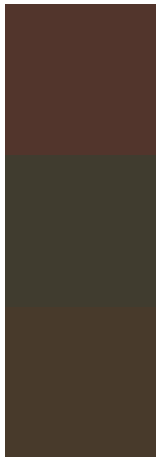


This preview shows how white text looks on a background with the YIQ color 60.6450, 20.1730,

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

60.6450, 20.1730, 3.3490

Protanopia

59.7140, 6.5570, -3.1950

Deuteranopia

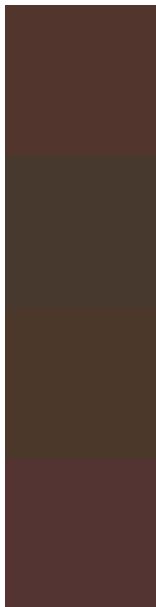
60.4760, 13.1590, -1.6970



Tritanopia

61.0240, 17.7880, 8.0280

Trichromacy



Original Color

60.6450, 20.1730, 3.3490

Protanomaly

59.9320, 11.8750, -0.4530

Deuteranomaly

60.4980, 16.0930, 0.1970

Tritanomaly

61.1550, 18.7970, 6.2610

Monochromacy



Original Color

60.6450, 20.1730, 3.3490

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.6450, 20.1730, 3.3490 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, 53, 44)` looks like.

```
.text, #text, p{  
    color:rgb(82, 53, 44)  
}
```

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, 53, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 53, 44) }
```

Border

The CSS property to change the border of an element to YIQ 60.6450, 20.1730, 3.3490 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, 53, 44) }
```


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

```
.border{ border-color:rgb(82, 53, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 53, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 53, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 53, 44);  
box-shadow:4px 4px 4px 4px rgb(82, 53, 44)  
}
```

Background

The CSS property to change the background color of an element to YIQ 60.6450, 20.1730, 3.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 53, 44) }
```

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

```
.background{ background-color: rgb(82, 53,  
44) }
```

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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