

Converting Colors

YIQ(66.1080, 26.1790, 4.6350)

Have a look what the booklet for
YIQ(66.1080, 26.1790, 4.6350)
contains.

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Color

**YIQ(66.1080, 26.1790,
4.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	5E382D
RGB	94, 56, 45
RGB Percent	37%, 22%, 18%
CMY	0.6313, 0.7804, 0.8234
CMYK	0.00, 0.40, 0.52, 0.63
HSL	13°, 35%, 27%
HSV	13°, 52%, 37%
XYZ	6.5059, 5.3973, 3.1844
YIQ	66.1080, 26.1790, 4.6350

Conversions

Conversions Part 2

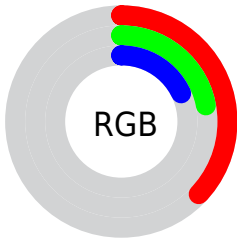
Format	Color
RYB	94, 59, 45
Decimal	6174765
CIELab	27.84, 15.57, 13.96
CIElCh	28, 20.917, 41.877
Yxy	5.3973, 0.4312, 0.3577
Android (android.graphics.Color)	4284364845 (0xFF5E382D)
YUV	66.1080, -10.4062, 24.4613
Hunter-Lab	23.2321, 9.3308, 8.1356

Details

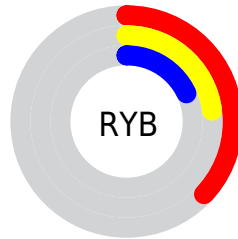
The YIQ color **66.1080, 26.1790, 4.6350** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.8920, -26.1790, -4.6350**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.4890, 29.4800, 5.3840**, and **21.3850, 23.8410, 2.9530** is the 20% darker color. If you saturate the color by 10%, you get **60.9730, 30.9930, 5.4970**, and if you desaturate by 10%, it is **71.2430, 21.3650, 3.7730**.

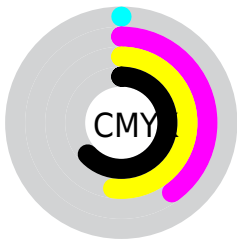
Distribution



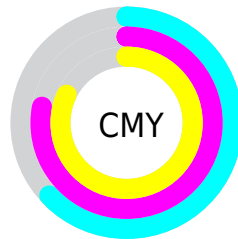
- Red (37%)
- Green (22%)
- Blue (18%)



- Red (37%)
- Yellow (23%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (52%)
- Black (63%)



- Cyan (63%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.1080, 26.1790, 4.6350 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 66.1080, 26.1790, 4.6350 by changing the saturation by 10% instead.

■ 66.1080, 26.1790,
4.6350

■ 66.1080, 26.1790,
4.6350

■ 255.0000, -0.0000,
-0.0000

■ 43.3250, 24.0700,
4.3100

■ 114.4890, 29.4800,
5.3840

■ 21.3850, 23.8410,
2.9530

■ 140.8590, 31.3140,
5.1860

■ 4.4850, 8.9400,
3.1800

■ 167.4570, 32.5060,
5.6100

■ 0.0000, 0.0000,
0.0000

■ 194.6420, 33.4230,
5.5110

■ 221.1580, 31.9100,
5.3980

■ 241.2590, 15.2680,

-1.3720

254.5440, 1.2840,
-1.2440

■ 66.1080, 26.1790,
4.6350

■ 66.1080, 26.1790,
4.6350

■ 60.9730, 30.9930,
5.4970

■ 71.2430, 21.3650,
3.7730

■ 55.1370, 36.4030,
6.5710

■ 77.0790, 15.9550,
2.6990

■ 50.0020, 41.2170,
7.4330

■ 82.2140, 11.1410,
1.8370

■ 44.7530, 46.3520,
7.9840

■ 87.4630, 6.0060,
1.2860

■ 40.4330, 50.2490,
8.9450

■ 92.5980, 1.1920,
0.4240

■ 98.3200, -3.8970,
-0.9610

■ 103.5690, -9.0320,
-1.5120

■ 108.7040,
-13.8460, -2.3740

■ 114.5400,
-19.2560, -3.4480

Harmonies

Analogous

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



66.9540, 23.9770, 11.5050



66.1080, 26.1790, 4.6350



64.9130, 22.0540, -3.2100

Triad

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



66.1080, 26.1790, 4.6350



58.3900, -19.2540, -14.5020



64.7610, -18.0200, 7.1960

Complementary

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



66.1080, 26.1790, 4.6350



72.8920, -26.1790, -4.6350

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.



58.3130, -37.5500, -2.3020



66.1080, 26.1790, 4.6350



51.9450, -42.8660, -16.0980

Square

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



66.1080, 26.1790, 4.6350



61.8990, -1.6940, -13.3580



52.7690, -48.0020, -11.1220



67.6170, 0.1810, 13.2450

Rectangle

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



66.1080, 26.1790, 4.6350



64.3420, 16.2320, -7.8320



52.7690, -48.0020, -11.1220



63.3580, -24.2550, 4.5530

Sweetspot

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



66.1080, 26.1790, 4.6350



111.0290, 10.2240, 1.9360



63.9830, 17.0060, 22.2060



54.4630, 6.0060, 1.2860



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.



66.1080, 26.1790, 4.6350



78.5890, 40.9420, 6.9100



80.1960, 19.5790, -7.9170



43.0820, 2.7050, 0.5370



47.5650, 58.6850, 10.2450



101.9740, 126.6770, 22.5250

Inverse Universe

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



72.8920, -26.1790, -4.6350



88.9980, -41.2170, -7.4330



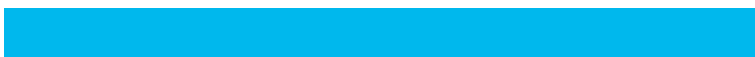
58.8040, -19.5790, 7.9170



43.9180, -2.7050, -0.5370



62.4350, -58.6850, -10.2450



135.0260, -126.6770, -22.5250

Previews

White Background



This preview shows how the YIQ color 66.1080, 26.1790, 4.6350 looks on a white background.

Color Contrast Check

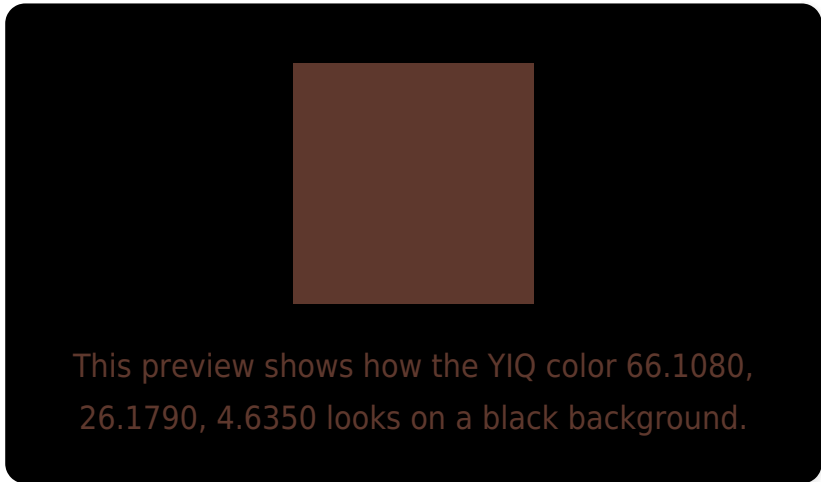
Large Text (above 18pt) WCAG AA ✓ Pass

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

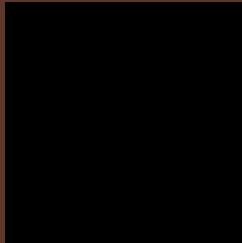
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.1080, 26.1790, 4.6350

Background



This preview shows how black text looks on a background with the YIQ color 66.1080, 26.1790, 4.6350.



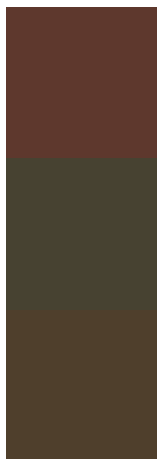
This preview shows how white text looks on a background with the YIQ color 66.1080, 26.1790,

4.6350.

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

66.1080, 26.1790, 4.6350

Protanopia

65.5570, 8.4370, -4.2270

Deuteranopia

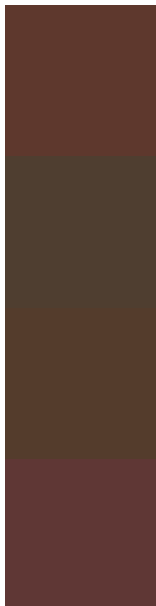
65.6180, 15.6350, -2.5170



Tritanopia

66.7150, 23.1520, 9.9360

Trichromacy



Original Color

66.1080, 26.1790, 4.6350

Protanomaly

65.4870, 14.6260, -0.7500

Deuteranomaly

65.3520, 19.4400, 0.1120

Tritanomaly

66.7320, 24.4820, 7.8580

Monochromacy



Original Color

66.1080, 26.1790, 4.6350

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.1080, 26.1790, 4.6350 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, 56, 45) looks like.

```
.text, #text, p{  
    color:rgb(94, 56, 45)  
}
```

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, 56, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 56, 45) }
```

Border

The CSS property to change the border of an element to YIQ 66.1080, 26.1790, 4.6350 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, 56, 45) }
```


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

```
.border{ border-color:rgb(94, 56, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 56, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 56, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 56, 45);  
box-shadow:4px 4px 4px 4px rgb(94, 56, 45)  
}
```

Background

The CSS property to change the background color of an element to YIQ 66.1080, 26.1790, 4.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 56, 45) }
```

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

```
.background{ background-color: rgb(94, 56,  
45) }
```

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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