

Converting Colors

YIQ(52.5330, 26.1800, -0.8920)

Have a look what the booklet for
YIQ(52.5330, 26.1800, -0.8920)
contains.

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Color

**YIQ(52.5330, 26.1800,
-0.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	4D2E16
RGB	77, 46, 22
RGB Percent	30%, 18%, 9%
CMY	0.6980, 0.8196, 0.9136
CMYK	0.00, 0.40, 0.71, 0.70
HSL	26°, 56%, 19%
HSV	26°, 71%, 30%
XYZ	4.1834, 3.5894, 1.2330
YIQ	52.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

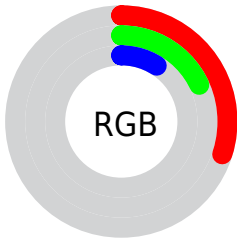
Format	Color
R_{YB}	77, 65, 22
Decimal	5058070
CIE Lab	22.26, 11.60, 21.06
CIE LCh	22, 24.046, 61.153
Yxy	3.5894, 0.4645, 0.3986
Android (android.graphics.Color)	4283248150 (0xFF4D2E16)
YUV	52.5330, -15.0528, 21.4576
Hunter-Lab	18.9458, 6.2592, 9.4035

Details

The YIQ color **52.5330, 26.1800, -0.8920** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **46.4670, -26.1800, 0.8920**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.0990, 30.3980, -0.2420**, and **8.9700, 17.8800, 6.3600** is the 20% darker color. If you saturate the color by 10%, you get **49.2730, 29.8480, -1.2880**, and if you desaturate by 10%, it is **55.7930, 22.5120, -0.4960**.

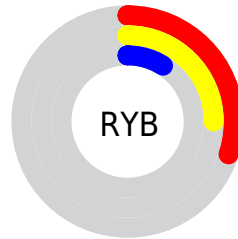
Distribution



Red (30%)

Green (18%)

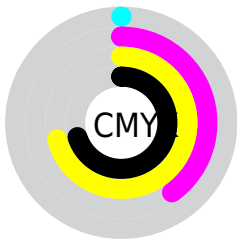
Blue (9%)



Red (30%)

Yellow (25%)

Blue (9%)

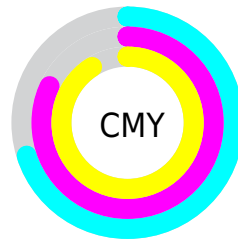


Cyan (0%)

Magenta (40%)

Yellow (71%)

Black (70%)



Cyan (70%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.5330, 26.1800, -0.8920 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 52.5330, 26.1800, -0.8920 by changing the saturation by 10% instead.

■ 52.5330, 26.1800,
-0.8920

■ 52.5330, 26.1800,
-0.8920

■ 254.4300, 1.6050,
-1.5550

■ 30.8210, 25.3090,
-1.6270

■ 100.0990, 30.3980,
-0.2420

■ 8.9700, 17.8800,
6.3600

■ 125.4690, 32.2320,
-0.4400

■ 0.0000, 0.0000,
0.0000

■ 151.0670, 33.4240,
-0.0160

■ 178.1380, 34.6620,
-0.4260

■ 205.7360, 35.8540,
-0.0020

■ 229.7350, 28.4270,

-3.0690

■ 249.9500, 11.4640,
-9.5280

■ 52.5330, 26.1800,
-0.8920

■ 52.5330, 26.1800,
-0.8920

■ 49.2730, 29.8480,
-1.2880

■ 55.7930, 22.5120,
-0.4960

■ 45.5400, 33.4700,
-0.8500

■ 59.5260, 18.8900,
-0.9340

■ 42.9810, 36.5420,
-1.4580

■ 62.7860, 15.2220,
-0.5380

■ 66.0460, 11.5540,
-0.1420

■ 69.8930, 7.6110,
-0.2690

■ 73.0390, 4.2640,
-0.1840

■ 76.2990, 0.5960,
0.2120

■ 80.1460, -3.3470,
0.0850

■ 83.2920, -6.6940,
0.1700

Harmonies

Analogous

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



52.9990, 28.1040, 8.2960



52.5330, 26.1800, -0.8920



51.7720, 17.8370, -9.3870

Triad

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



52.5330, 26.1800, -0.8920



42.4360, -34.0630, -15.9430



54.1970, -7.3840, 12.6800

Complementary

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



52.5330, 26.1800, -0.8920



46.4670, -26.1800, 0.8920

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.



48.4110, -31.7740, 3.1540



52.5330, 26.1800, -0.8920



44.4880, -39.8410, -10.3450

Square

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



52.5330, 26.1800, -0.8920



46.0760, -15.4940, -16.5660



44.7960, -43.4640, -5.2560



54.8850, 11.2300, 16.7500

Rectangle

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



52.5330, 26.1800, -0.8920



50.1730, 9.2180, -12.8780



44.7960, -43.4640, -5.2560



53.6090, -14.5360, 10.1360

Sweetspot

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



52.5330, 26.1800, -0.8920



90.2630, 9.4450, -0.4670



41.9790, 22.8290, 21.3010



45.4090, 6.0980, -0.3820



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.



52.5330, 26.1800, -0.8920



61.1340, 40.4850, -1.3310



68.3820, 18.7550, -15.0130



36.3700, 1.8340, -0.1980



56.3260, 48.6920, -1.3880



127.4700, 109.5800, -3.5400

Inverse Universe

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



46.4670, -26.1800, 0.8920



51.8660, -40.4850, 1.3310



30.6180, -18.7550, 15.0130



36.2170, -2.1090, -0.3250



45.6740, -48.6920, 1.3880



102.5300, -109.5800, 3.5400

Previews

White Background



This preview shows how the YIQ color 52.5330, 26.1800, -0.8920 looks on a white background.

Color Contrast Check

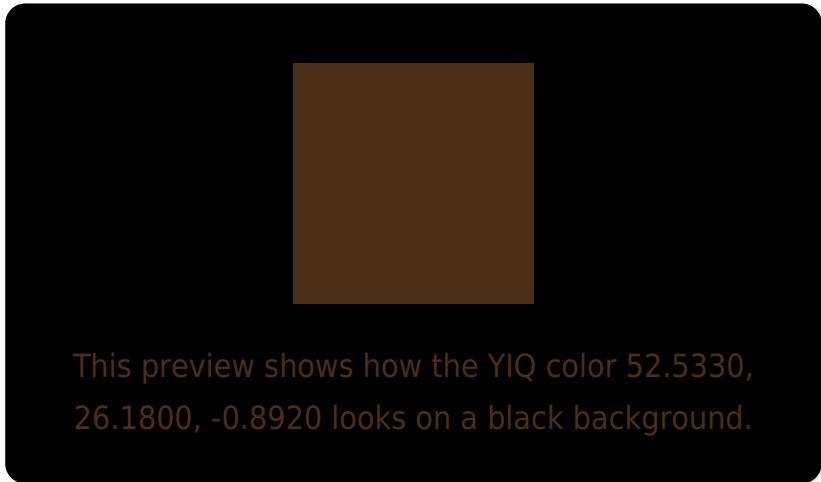
Large Text (above 18pt) WCAG AA ✓ Pass

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

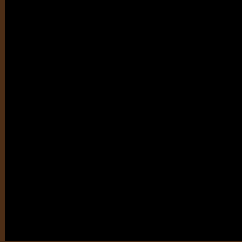
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.5330, 26.1800, -0.8920

Background



This preview shows how black text looks on a background with the YIQ color 52.5330, 26.1800, -0.8920.



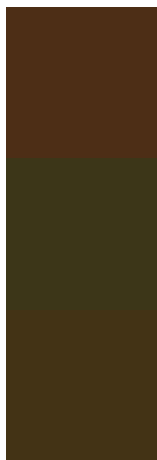
This preview shows how white text looks on a background with the YIQ color 52.5330, 26.1800,

-0.8920.

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

52.5330, 26.1800, -0.8920

Protanopia

52.3740, 13.2060, -8.0580

Deuteranopia

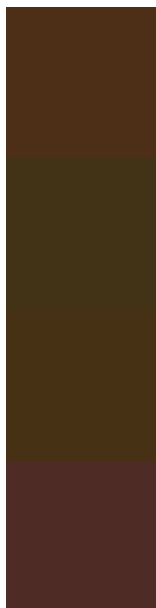
52.3640, 19.1660, -5.9380



Tritanopia

53.8070, 19.8970, 8.3530

Trichromacy



Original Color

52.5330, 26.1800, -0.8920

Protanomaly

52.2930, 17.9280, -5.5280

Deuteranomaly

52.3860, 22.1000, -4.0440

Tritanomaly

53.3680, 22.5110, 5.0310

Monochromacy



Original Color

52.5330, 26.1800, -0.8920

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.6760, 9.7200, 0.0560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.5330, 26.1800, -0.8920 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, 46, 22)` looks like.

```
.text, #text, p{  
    color:rgb(77, 46, 22)  
}
```

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, 46, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 46, 22) }
```

Border

The CSS property to change the border of an element to YIQ 52.5330, 26.1800, -0.8920 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, 46, 22) }
```


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

```
.border{ border-color:rgb(77, 46, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 46, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 46, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 46, 22);  
box-shadow:4px 4px 4px 4px rgb(77, 46, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.5330, 26.1800, -0.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 46, 22) }
```

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

```
.background{ background-color: rgb(77, 46,  
22) }
```

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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