

Converting Colors

YIQ(53.6790, 22.8330, -0.8070)

Have a look what the booklet for
YIQ(53.6790, 22.8330, -0.8070)
contains.

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Color

**YIQ(53.6790, 22.8330,
-0.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	4B301B
RGB	75, 48, 27
RGB Percent	29%, 19%, 11%
CMY	0.7058, 0.8118, 0.8940
CMYK	0.00, 0.36, 0.64, 0.71
HSL	26°, 47%, 20%
HSV	26°, 64%, 29%
XYZ	4.1573, 3.6886, 1.5314
YIQ	53.6790, 22.8330, -0.8070

Conversions

Conversions Part 2

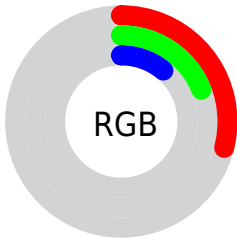
Format	Color
RYB	75, 64, 27
Decimal	4927515
CIELab	22.61, 9.73, 18.30
CIElCh	23, 20.724, 62.003
Yxy	3.6886, 0.4433, 0.3934
Android (android.graphics.Color)	4283117595 (0xFF4B301B)
YUV	53.6790, -13.1527, 18.6985
Hunter-Lab	19.2058, 5.0283, 8.7164

Details

The YIQ color **53.6790, 22.8330, -0.8070** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48.3210, -22.8330, 0.8070**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **100.9460, 26.4550, -0.3690**, and **9.8450, 16.7340, 5.1020** is the 20% darker color. If you saturate the color by 10%, you get **50.5330, 26.1800, -0.8920**, and if you desaturate by 10%, it is **56.9390, 19.1650, -0.4110**.

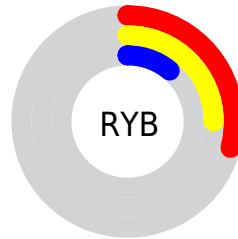
Distribution



Red (29%)

Green (19%)

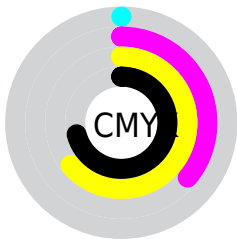
Blue (11%)



Red (29%)

Yellow (25%)

Blue (11%)

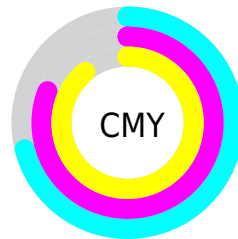


Cyan (0%)

Magenta (36%)

Yellow (64%)

Black (71%)



Cyan (71%)

Magenta (81%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.6790, 22.8330, -0.8070 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 53.6790, 22.8330, -0.8070 by changing the saturation by 10% instead.

■ 53.6790, 22.8330,
-0.8070

■ 53.6790, 22.8330,
-0.8070

■ 255.0000, -0.0000,
-0.0000

■ 31.6250, 22.9250,
-2.4750

■ 100.9460, 26.4550,
-0.3690

■ 9.8450, 16.7340,
5.1020

■ 126.4300, 27.9680,
-0.2560

■ 0.0000, 0.0000,
0.0000

■ 152.0280, 29.1600,
0.1680

■ 179.0990, 30.3980,
-0.2420

■ 206.6970, 31.5900,
0.1820

■ 231.5930, 25.9510,

-2.2490

■ 251.8080, 8.9880,
-8.7080

■ 53.6790, 22.8330,
-0.8070

■ 53.6790, 22.8330,
-0.8070

■ 50.5330, 26.1800,
-0.8920

■ 56.9390, 19.1650,
-0.4110

■ 47.2730, 29.8480,
-1.2880

■ 60.0850, 15.8180,
-0.3260

■ 43.5400, 33.4700,
-0.8500

■ 63.9320, 11.8750,
-0.4530

■ 41.7960, 35.6250,
-1.3590

■ 67.0780, 8.5280,
-0.3680

■ 70.3380, 4.8600,
0.0280

■ 73.4840, 1.5130,
0.1130

■ 77.3310, -2.4300,
-0.0140

■ 80.4770, -5.7770,
0.0710

■ 83.7370, -9.4450,
0.4670

Harmonies

Analogous

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



54.0910, 24.8490, 6.7130



53.6790, 22.8330, -0.8070



52.1570, 15.3150, -7.7330

Triad

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



53.6790, 22.8330, -0.8070



42.6640, -34.7050, -15.3210



55.5130, -5.4580, 10.8140

Complementary

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



53.6790, 22.8330, -0.8070



48.3210, -22.8330, 0.8070

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.



50.9450, -24.5300, 4.0300



53.6790, 22.8330, -0.8070



44.3740, -39.5200, -10.6560

Square

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



53.6790, 22.8330, -0.8070



48.3260, -13.2020, -14.0500



43.8670, -42.2260, -5.6660



55.8200, 9.8550, 14.1350

Rectangle

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



53.6790, 22.8330, -0.8070



51.8570, 7.2920, -11.0120



43.8670, -42.2260, -5.6660



54.6370, -11.7390, 9.0050

Sweetspot

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



53.6790, 22.8330, -0.8070



88.9640, 8.8490, -0.6790



44.4300, 19.9410, 18.5730



43.2240, 5.1810, -0.2830



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



53.6790, 22.8330, -0.8070



63.7960, 35.6250, -1.3590



67.7670, 16.2330, -13.3590



36.3700, 1.8340, -0.1980



56.9130, 48.4170, -1.9110



127.4700, 109.5800, -3.5400

Inverse Universe

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



48.3210, -22.8330, 0.8070



55.2040, -35.6250, 1.3590



34.2330, -16.2330, 13.3590



36.2170, -2.1090, -0.3250



45.0870, -48.4170, 1.9110



101.9430, -109.3050, 4.0630

Previews

White Background



This preview shows how the YIQ color 53.6790, 22.8330, -0.8070 looks on a white background.

Color Contrast Check

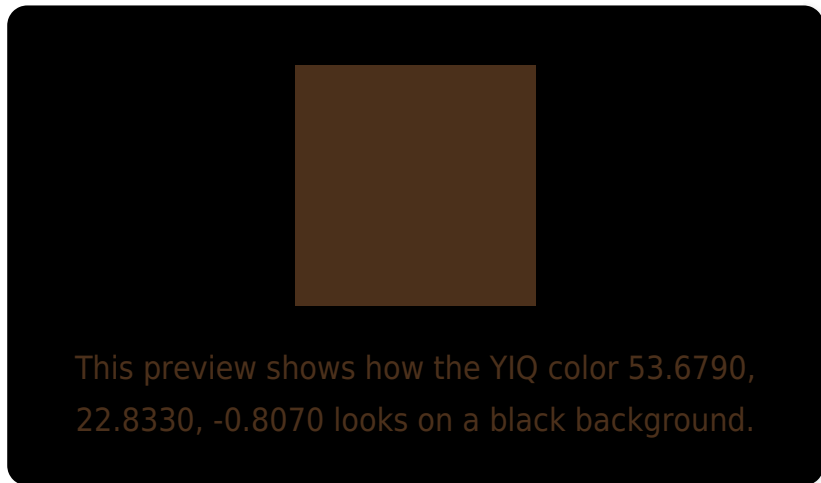
Large Text (above 18pt) WCAG AA ✓ Pass

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

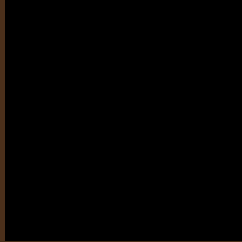
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.6790, 22.8330, -0.8070

Background



This preview shows how black text looks on a background with the YIQ color 53.6790, 22.8330, -0.8070.



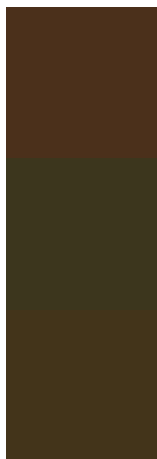
This preview shows how white text looks on a background with the YIQ color 53.6790, 22.8330,

-0.8070.

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

53.6790, 22.8330, -0.8070

Protanopia

52.9440, 11.6010, -6.5030

Deuteranopia

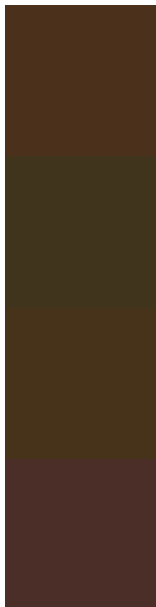
53.5210, 17.2860, -4.9060



Tritanopia

54.7250, 17.1920, 7.8160

Trichromacy



Original Color

53.6790, 22.8330, -0.8070

Protanomaly

53.1510, 15.4520, -4.7080

Deuteranomaly

53.8310, 19.3490, -3.7470

Tritanomaly

54.4000, 19.4850, 4.8050

Monochromacy



Original Color

53.6790, 22.8330, -0.8070

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.0780, 8.5280, -0.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.6790, 22.8330, -0.8070 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(75, 48, 27)` looks like.

```
.text, #text, p{  
    color:rgb(75, 48, 27)  
}
```

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(75, 48, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 48, 27) }
```

Border

The CSS property to change the border of an element to YIQ 53.6790, 22.8330, -0.8070 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(75, 48, 27) }
```


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

```
.border{ border-color:rgb(75, 48, 27) }
```

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

Here you see how a box with a 4 pixel rgb(75, 48, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 48, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 48, 27);  
box-shadow:4px 4px 4px 4px rgb(75, 48, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.6790, 22.8330, -0.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 48, 27) }
```

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

```
.background{ background-color: rgb(75, 48,  
27) }
```

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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