

Converting Colors

YIQ(66.1880, 40.3930, 0.3370)

Have a look what the booklet for
YIQ(66.1880, 40.3930, 0.3370)
contains.

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Color

**YIQ(66.1880, 40.3930,
0.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	693716
RGB	105, 55, 22
RGB Percent	41%, 22%, 9%
CMY	0.5881, 0.7844, 0.9135
CMYK	0.00, 0.48, 0.79, 0.59
HSL	24°, 65%, 25%
HSV	24°, 79%, 41%
XYZ	7.3391, 5.7933, 1.4929
YIQ	66.1880, 40.3930, 0.3370

Conversions

Conversions Part 2

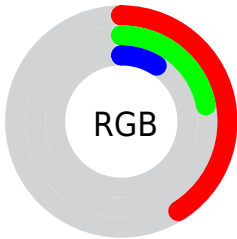
Format	Color
RYB	105, 77, 22
Decimal	6895382
CIELab	28.88, 19.45, 29.52
CIELCh	29, 35.348, 56.625
Yxy	5.7933, 0.5018, 0.3961
Android (android.graphics.Color)	4285085462 (0xFF693716)
YUV	66.1880, -21.7847, 34.0381
Hunter-Lab	24.0692, 12.3066, 13.1711

Details

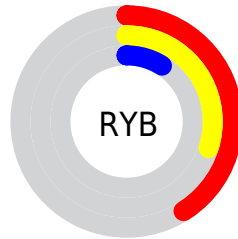
The YIQ color **66.1880, 40.3930, 0.3370** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **60.8120, -40.3930, -0.3370**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.9390, 45.5280, 0.8880**, and **22.5920, 27.6920, 4.7480** is the 20% darker color. If you saturate the color by 10%, you get **61.5260, 45.2530, 0.3650**, and if you desaturate by 10%, it is **70.9640, 35.2120, 0.6200**.

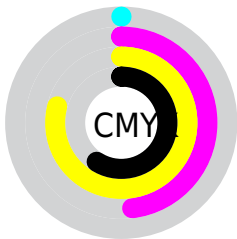
Distribution



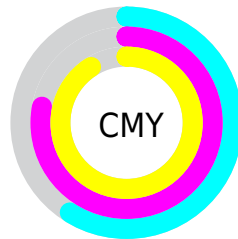
- Red (41%)
- Green (22%)
- Blue (9%)



- Red (41%)
- Yellow (30%)
- Blue (9%)



- Cyan (0%)
- Magenta (48%)
- Yellow (79%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.1880, 40.3930, 0.3370 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 66.1880, 40.3930, 0.3370 by changing the saturation by 10% instead.

■ 66.1880, 40.3930,
0.3370

■ 66.1880, 40.3930,
0.3370

■ 254.6580, 0.9630,
-0.9330

■ 42.9920, 38.0090,
-0.5110

■ 115.9390, 45.5280,
0.8880

■ 22.5920, 27.6920,
4.7480

■ 142.0210, 48.2330,
1.4250

■ 8.4860, 16.3670,
6.2470

■ 168.8040, 50.3420,
1.7500

■ 0.0000, 0.0000,
0.0000

■ 196.1740, 52.1760,
1.5520

■ 217.4930, 40.8520,
-2.4760

■ 237.5940, 24.2100,

-9.2460

■ 251.4660, 9.9510,
-9.6410

■ 66.1880, 40.3930,
0.3370

■ 66.1880, 40.3930,
0.3370

■ 61.5260, 45.2530,
0.3650

■ 70.9640, 35.2120,
0.6200

■ 56.1630, 50.7090,
0.6050

■ 76.2130, 30.0770,
0.0690

■ 56.0490, 51.0300,
0.2940

■ 80.9890, 24.8960,
0.3520

■ 85.6510, 20.0360,
0.3240

■ 91.0140, 14.5800,
0.0840

■ 95.6760, 9.7200,
0.0560

■ 100.4520, 4.5390,
0.3390

■ 105.7010, -0.5960,
-0.2120

■ 110.4770, -5.7770,
0.0710

Harmonies

Analogous

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



66.2290, 42.3160, 15.0520



66.1880, 40.3930, 0.3370



64.9550, 30.2630, -14.3210

Triad

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



66.1880, 40.3930, 0.3370



54.8430, -42.8190, -22.4590



68.5690, -17.0590, 17.3170

Complementary

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



66.1880, 40.3930, 0.3370



60.8120, -40.3930, -0.3370

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.



56.2860, -59.2830, 0.5970



66.1880, 40.3930, 0.3370



58.0350, -51.8070, -13.7510

Square

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



66.1880, 40.3930, 0.3370



56.1580, -21.9570, -26.0930



58.6680, -57.7230, -5.6510



69.9380, 12.8790, 25.4150

Rectangle

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



66.1880, 40.3930, 0.3370



63.0350, 18.1140, -19.9180



58.6680, -57.7230, -5.6510



65.6920, -30.7670, 12.4410

Sweetspot

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



66.1880, 40.3930, 0.3370



122.4980, 16.0930, 0.1970



52.6310, 33.0970, 33.4570



59.6760, 9.7200, 0.0560



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



66.1880, 40.3930, 0.3370



76.6930, 63.7760, 0.5760



89.6680, 29.3930, -20.5830



50.9680, 3.0260, 0.2260



62.5720, 56.8070, 0.2230



130.1940, 119.3450, 1.2090

Inverse Universe

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



60.8120, -40.3930, -0.3370



68.3070, -63.7760, -0.5760



37.3320, -29.3930, 20.5830



50.4450, -2.7510, 0.2970



55.0150, -57.0820, -0.7460



114.8060, -119.3450, -1.2090

Previews

White Background



This preview shows how the YIQ color 66.1880, 40.3930, 0.3370 looks on a white background.

Color Contrast Check

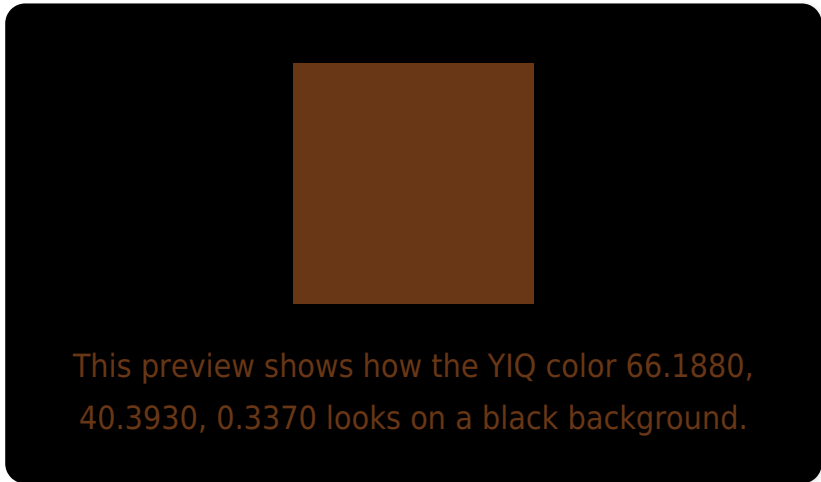
Large Text (above 18pt) WCAG AA ✓ Pass

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

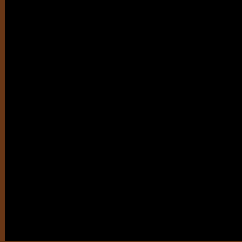
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.1880, 40.3930, 0.3370

Background



This preview shows how black text looks on a background with the YIQ color 66.1880, 40.3930, 0.3370.



This preview shows how white text looks on a background with the YIQ color 66.1880, 40.3930,

0.3370.

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

66.1880, 40.3930, 0.3370

Protanopia

66.4900, 18.5710, -11.6770

Deuteranopia

65.9210, 27.6030, -10.1650



Tritanopia

68.7870, 31.8170, 12.5930

Trichromacy



Original Color

66.1880, 40.3930, 0.3370

Protanomaly

66.4310, 26.2270, -7.2530

Deuteranomaly

65.7800, 32.5540, -6.2780

Tritanomaly

67.7070, 34.7980, 8.1260

Monochromacy



Original Color

66.1880, 40.3930, 0.3370

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.0140, 14.5800, 0.0840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.1880, 40.3930, 0.3370 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(105, 55, 22)` looks like.

```
.text, #text, p{  
    color:rgb(105, 55, 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(105, 55, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 55, 22) }
```

Border

The CSS property to change the border of an element to YIQ 66.1880, 40.3930, 0.3370 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(105, 55, 22) }
```


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

```
.border{ border-color:rgb(105, 55, 22) }
```

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

Here you see how a box with a 4 pixel rgb(105, 55, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 55, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 55, 22);  
box-shadow:4px 4px 4px 4px rgb(105, 55,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 66.1880, 40.3930, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 55, 22) }
```

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

```
.background{ background-color: rgb(105, 55,  
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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