

Converting Colors

YIQ(66.6690, 28.7930, 1.3130)

Have a look what the booklet for
YIQ(66.6690, 28.7930, 1.3130)
contains.

YIQ(66.6690, 28.7930, 1.3130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(66.6690, 28.7930,
1.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	5F3A25
RGB	95, 58, 37
RGB Percent	37%, 23%, 15%
CMY	0.6274, 0.7726, 0.8548
CMYK	0.00, 0.39, 0.61, 0.63
HSL	22°, 44%, 26%
HSV	22°, 61%, 37%
XYZ	6.5680, 5.5922, 2.4862
YIQ	66.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

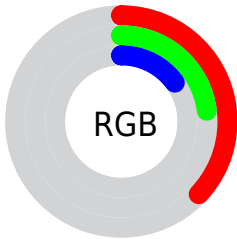
Format	Color
RYB	95, 70, 37
Decimal	6240805
CIELab	28.36, 13.98, 19.74
CIElCh	28, 24.188, 54.705
Yxy	5.5922, 0.4484, 0.3818
Android (android.graphics.Color)	4284430885 (0xFF5F3A25)
YUV	66.6690, -14.6268, 24.8463
Hunter-Lab	23.6479, 8.1931, 10.3200

Details

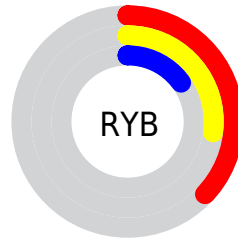
The YIQ color **66.6690, 28.7930, 1.3130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **65.3310, -28.7930, -1.3130**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.2350, 33.0110, 1.9630**, and **22.5590, 23.2910, 1.9070** is the 20% darker color. If you saturate the color by 10%, you get **62.1210, 33.3320, 1.6520**, and if you desaturate by 10%, it is **71.3310, 23.9330, 1.2850**.

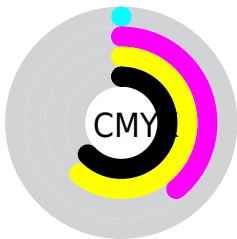
Distribution



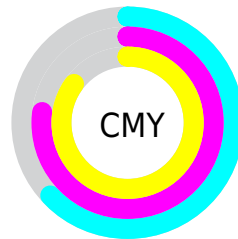
- Red (37%)
- Green (23%)
- Blue (15%)



- Red (37%)
- Yellow (27%)
- Blue (15%)



- Cyan (0%)
- Magenta (39%)
- Yellow (61%)
- Black (63%)



- Cyan (63%)
- Magenta (77%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.6690, 28.7930, 1.3130 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 66.6690, 28.7930, 1.3130 by changing the saturation by 10% instead.

■ 66.6690, 28.7930,
1.3130

■ 66.6690, 28.7930,
1.3130

■ 255.0000, -0.0000,
-0.0000

■ 43.8860, 26.6840,
0.9880

■ 115.2350, 33.0110,
1.9630

■ 22.5590, 23.2910,
1.9070

■ 141.4200, 33.9280,
1.8640

■ 5.0830, 10.1320,
3.6040

■ 168.2030, 36.0370,
2.1890

■ 0.0000, 0.0000,
0.0000

■ 195.3880, 36.9540,
2.0900

■ 221.1920, 34.5700,
1.2420

■ 241.4070, 17.6070,

-5.2170

253.4040, 4.4940,
-4.3540

66.6690, 28.7930,
1.3130

66.6690, 28.7930,
1.3130

62.1210, 33.3320,
1.6520

71.3310, 23.9330,
1.2850

57.4590, 38.1920,
1.6800

75.8790, 19.3940,
0.9460

52.9110, 42.7310,
2.0190

80.5410, 14.5340,
0.9180

48.3630, 47.2700,
2.3580

85.0890, 9.9950,
0.5790

89.7510, 5.1350,
0.5510

■ 94.2990, 0.5960,
0.2120

■ 98.9610, -4.2640,
0.1840

■ 104.0960, -9.0780,
-0.6780

■ 108.7580,
-13.9380, -0.7060

Harmonies

Analogous

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



67.5370, 29.5250, 10.0770



66.6690, 28.7930, 1.3130



65.6800, 21.0920, -7.8040

Triad

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



66.6690, 28.7930, 1.3130



52.9900, -38.7390, -19.3070



67.3320, -12.1980, 11.8180

Complementary

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



66.6690, 28.7930, 1.3130



65.3310, -28.7930, -1.3130

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.



61.3180, -35.9460, 1.6700



66.6690, 28.7930, 1.3130



53.9600, -47.2220, -14.2460

Square

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



66.6690, 28.7930, 1.3130



60.5280, -10.9550, -16.2270



54.4960, -51.4870, -8.5350



69.0310, 7.8830, 16.8350

Rectangle

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



66.6690, 28.7930, 1.3130



64.5540, 12.5190, -12.1290



54.4960, -51.4870, -8.5350



66.3310, -19.6250, 8.7510

Sweetspot

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



66.6690, 28.7930, 1.3130



111.2740, 10.9120, 0.4800



58.6740, 22.3700, 24.1140



54.8220, 6.3730, 0.1410



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.



66.6690, 28.7930, 1.3130



78.3950, 44.2440, 2.1320



83.1050, 21.0930, -13.3310



45.7830, 2.1090, 0.3250



57.5550, 55.4770, 2.3010



122.8290, 119.1150, 5.3790

Inverse Universe

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



65.3310, -28.7930, -1.3130



76.6050, -44.2440, -2.1320



48.8950, -21.0930, 13.3310



46.2170, -2.1090, -0.3250



55.0320, -55.7520, -2.8240



117.1710, -119.1150, -5.3790

Previews

White Background



This preview shows how the YIQ color 66.6690, 28.7930, 1.3130 looks on a white background.

Color Contrast Check

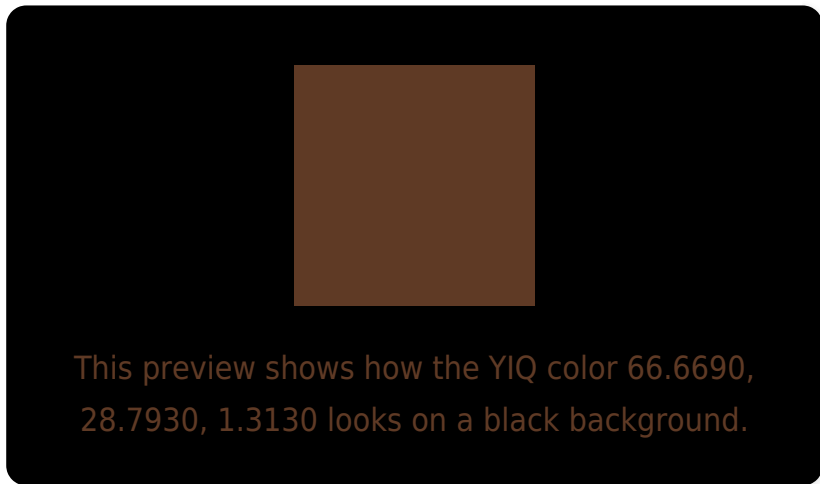
Large Text (above 18pt) WCAG AA ✓ Pass

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

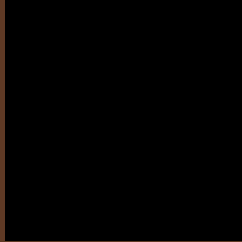
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.6690, 28.7930, 1.3130

Background



This preview shows how black text looks on a background with the YIQ color 66.6690, 28.7930, 1.3130.



This preview shows how white text looks on a background with the YIQ color 66.6690, 28.7930,

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

66.6690, 28.7930, 1.3130

Protanopia

66.0150, 12.8390, -6.9130

Deuteranopia

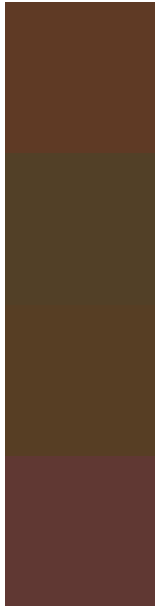
66.4890, 20.3120, -4.6800



Tritanopia

68.0140, 23.7480, 10.1480

Trichromacy



Original Color

66.6690, 28.7930, 1.3130

Protanomaly

66.5320, 18.7530, -3.9590

Deuteranomaly

66.5110, 23.2460, -2.7860

Tritanomaly

67.3900, 25.4450, 6.9250

Monochromacy



Original Color

66.6690, 28.7930, 1.3130

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.9750, 10.3160, 0.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.6690, 28.7930, 1.3130 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(95, 58, 37)` looks like.

```
.text, #text, p{  
    color:rgb(95, 58, 37)  
}
```

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(95, 58, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 58, 37) }
```

Border

The CSS property to change the border of an element to YIQ 66.6690, 28.7930, 1.3130 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(95, 58, 37) }
```


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

```
.border{ border-color:rgb(95, 58, 37) }
```

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

Here you see how a box with a 4 pixel rgb(95, 58, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 58, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 58, 37);  
box-shadow:4px 4px 4px 4px rgb(95, 58, 37)  
}
```

Background

The CSS property to change the background color of an element to YIQ 66.6690, 28.7930, 1.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 58, 37) }
```

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

```
.background{ background-color: rgb(95, 58,  
37) }
```

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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