

Converting Colors

YIQ(66.2970, 21.2730, 5.4410)

Have a look what the booklet for
YIQ(66.2970, 21.2730, 5.4410)
contains.

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Color

**YIQ(66.2970, 21.2730,
5.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	5A3934
RGB	90, 57, 52
RGB Percent	35%, 22%, 20%
CMY	0.6470, 0.7765, 0.7960
CMYK	0.00, 0.37, 0.42, 0.65
HSL	8°, 27%, 28%
HSV	8°, 42%, 35%
XYZ	6.3011, 5.3476, 3.9516
YIQ	66.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

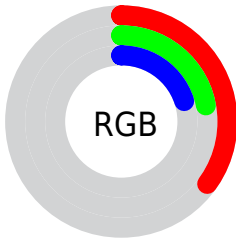
Format	Color
RYB	90, 58, 52
Decimal	5912884
CIELab	27.70, 13.99, 9.13
CIELCh	28, 16.705, 33.145
Yxy	5.3476, 0.4039, 0.3428
Android (android.graphics.Color)	4284102964 (0xFF5A3934)
YUV	66.2970, -7.0484, 20.7875
Hunter-Lab	23.1250, 8.1691, 6.0561

Details

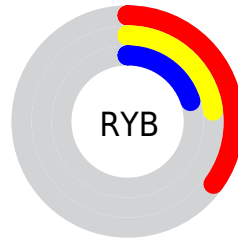
The YIQ color **66.2970, 21.2730, 5.4410** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **75.7030, -21.2730, -5.4410**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.3790, 23.9780, 5.9780**, and **21.8730, 19.5310, 3.9710** is the 20% darker color. If you saturate the color by 10%, you get **60.5750, 26.3620, 6.8260**, and if you desaturate by 10%, it is **72.0190, 16.1840, 4.0560**.

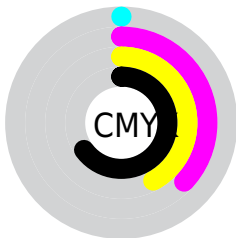
Distribution



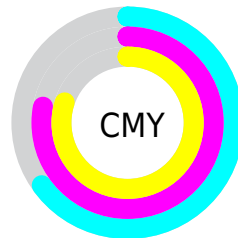
- Red (35%)
- Green (22%)
- Blue (20%)



- Red (35%)
- Yellow (23%)
- Blue (20%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (65%)



- Cyan (65%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.2970, 21.2730, 5.4410 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 66.2970, 21.2730, 5.4410 by changing the saturation by 10% instead.

■ 66.2970, 21.2730,
5.4410

■ 66.2970, 21.2730,
5.4410

■ 255.0000, -0.0000,
-0.0000

■ 43.8130, 19.7600,
5.3280

■ 114.3790, 23.9780,
5.9780

■ 21.8730, 19.5310,
3.9710

■ 140.5640, 24.8950,
5.8790

■ 3.2890, 6.5560,
2.3320

■ 167.1620, 26.0870,
6.3030

■ 0.0000, 0.0000,
0.0000

■ 194.4610, 26.6830,
6.5150

■ 222.0590, 27.8750,
6.9390

■ 242.8720, 12.1040,

0.9040

■ 66.2970, 21.2730,
5.4410

■ 66.2970, 21.2730,
5.4410

■ 60.5750, 26.3620,
6.8260

■ 72.0190, 16.1840,
4.0560

■ 54.8530, 31.4510,
8.2110

■ 77.7410, 11.0950,
2.6710

■ 49.7180, 36.2650,
9.0730

■ 82.8760, 6.2810,
1.8090

■ 43.9960, 41.3540,
10.4580

■ 88.5980, 1.1920,
0.4240

■ 38.2740, 46.4430,
11.8430

■ 94.3200, -3.8970,
-0.9610

■ 33.9540, 50.3400,
12.8040

■ 100.0420, -8.9860,
-2.3460

■ 105.7640,
-14.0750, -3.7310

■ 111.4860,
-19.1640, -5.1160

■ 116.6210,
-23.9780, -5.9780

Harmonies

Analogous

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



67.1920, 17.3750, 10.0070



66.2970, 21.2730, 5.4410



65.8250, 19.4860, -0.7220

Triad

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



66.2970, 21.2730, 5.4410



60.8750, -10.3140, -11.3220



64.0660, -17.5610, 4.3830

Complementary

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



66.2970, 21.2730, 5.4410



75.7030, -21.2730, -5.4410

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.



60.3910, -29.0220, -2.6700



66.2970, 21.2730, 5.4410



58.4590, -23.7020, -10.9820

Square

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



66.2970, 21.2730, 5.4410



63.1600, 2.0650, -9.8950



57.5490, -32.6430, -8.6350



66.9430, -3.8530, 9.2590

Rectangle

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



66.2970, 21.2730, 5.4410



65.1510, 15.4520, -4.7080



57.5490, -32.6430, -8.6350



63.1470, -22.2830, 1.8530

Sweetspot

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



66.2970, 21.2730, 5.4410



107.6590, 8.3900, 2.1340



67.2380, 11.7340, 18.6300



52.5770, 5.6850, 1.5970



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



66.2970, 21.2730, 5.4410



79.6360, 33.5600, 8.5360



76.8630, 16.3230, -3.9730



43.0820, 2.7050, 0.5370



41.1080, 61.7100, 15.9980



89.0600, 132.7270, 34.0310

Inverse Universe

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



75.7030, -21.2730, -5.4410



94.3640, -33.5600, -8.5360



65.1370, -16.3230, 3.9730



43.9180, -2.7050, -0.5370



68.3050, -61.4350, -15.4750



147.9400, -132.7270, -34.0310

Previews

White Background



This preview shows how the YIQ color 66.2970, 21.2730, 5.4410 looks on a white background.

Color Contrast Check

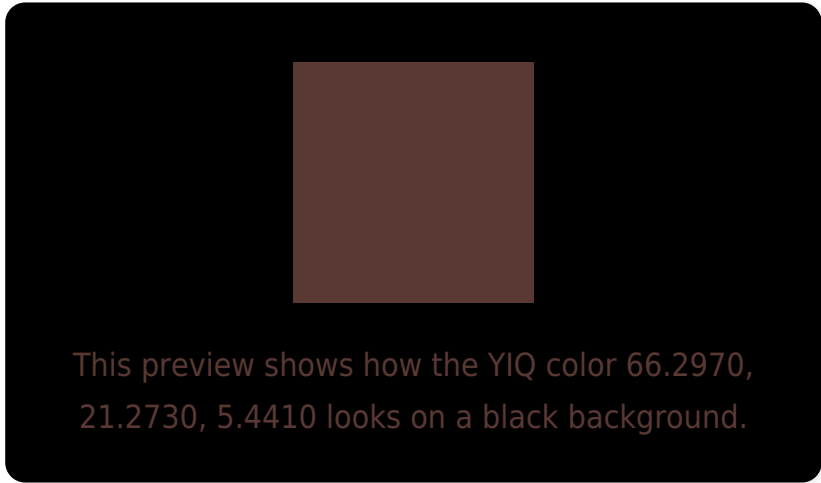
Large Text (above 18pt) WCAG AA ✓ Pass

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

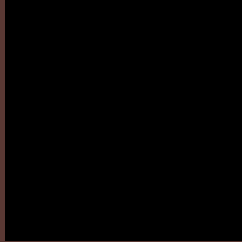
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.2970, 21.2730, 5.4410

Background



This preview shows how black text looks on a background with the YIQ color 66.2970, 21.2730, 5.4410.

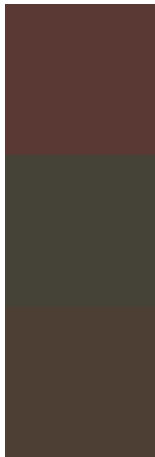


This preview shows how white text looks on a background with the YIQ color 66.2970, 21.2730,

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

66.2970, 21.2730, 5.4410

Protanopia

65.7570, 4.9980, -2.4740

Deuteranopia

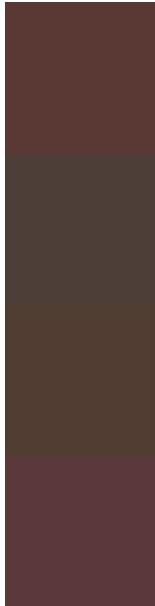
65.8180, 12.1960, -0.7640



Tritanopia

66.9210, 19.5760, 8.6640

Trichromacy



Original Color

66.2970, 21.2730, 5.4410

Protanomaly

66.2740, 10.9120, 0.4800

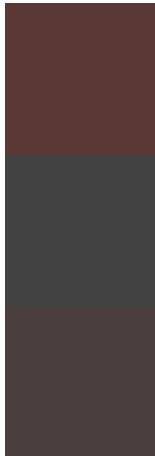
Deuteranomaly

66.1390, 15.7260, 1.3420

Tritanomaly

66.5790, 20.5390, 7.7310

Monochromacy



Original Color

66.2970, 21.2730, 5.4410

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.3600, 7.7940, 1.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.2970, 21.2730, 5.4410 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(90, 57, 52)` looks like.

```
.text, #text, p{  
    color:rgb(90, 57, 52)  
}
```

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(90, 57, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 57, 52) }
```

Border

The CSS property to change the border of an element to YIQ 66.2970, 21.2730, 5.4410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

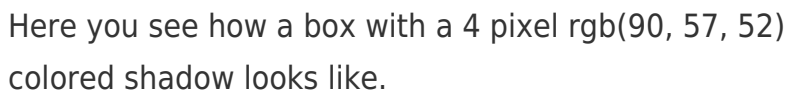
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 57, 52) }
```


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

```
.border{ border-color:rgb(90, 57, 52) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 57, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 57, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 57, 52);  
box-shadow:4px 4px 4px 4px rgb(90, 57, 52)  
}
```

Background

The CSS property to change the background color of an element to YIQ 66.2970, 21.2730, 5.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 57, 52) }
```

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

```
.background{ background-color: rgb(90, 57,  
52) }
```

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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