

Converting Colors

YIQ(72.1710, 12.7000, 1.1160)

Have a look what the booklet for
YIQ(72.1710, 12.7000, 1.1160)
contains.

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Color

**YIQ(72.1710, 12.7000,
1.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	55443C
RGB	85, 68, 60
RGB Percent	33%, 27%, 24%
CMY	0.6666, 0.7334, 0.7646
CMYK	0.00, 0.20, 0.29, 0.67
HSL	19°, 17%, 28%
HSV	19°, 29%, 33%
XYZ	6.6298, 6.3915, 5.1612
YIQ	72.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

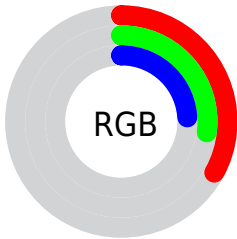
Format	Color
RYB	85, 72, 60
Decimal	5588028
CIELab	30.38, 5.91, 7.58
CIELCh	30, 9.614, 52.067
Yxy	6.3915, 0.3646, 0.3515
Android (android.graphics.Color)	4283778108 (0xFF55443C)
YUV	72.1710, -6.0003, 11.2510
Hunter-Lab	25.2814, 2.5675, 5.5929

Details

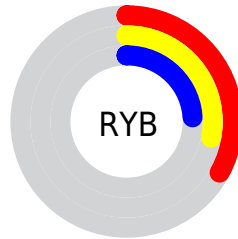
The YIQ color **72.1710, 12.7000, 1.1160** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **72.8290, -12.7000, -1.1160**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6550, 14.2130, 1.2290**, and **28.3880, 10.5910, 0.7910** is the 20% darker color. If you saturate the color by 10%, you get **67.7370, 16.9180, 1.7660**, and if you desaturate by 10%, it is **76.7190, 8.1610, 0.7770**.

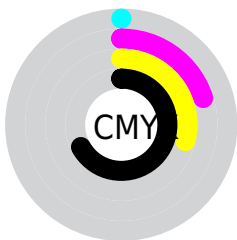
Distribution



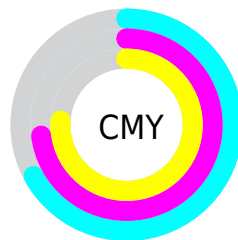
- Red (33%)
- Green (27%)
- Blue (24%)



- Red (33%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (67%)



- Cyan (67%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.1710, 12.7000, 1.1160 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 72.1710, 12.7000, 1.1160 by changing the saturation by 10% instead.

■ 72.1710, 12.7000,
1.1160

■ 72.1710, 12.7000,
1.1160

■ 255.0000, -0.0000,
-0.0000

■ 49.5730, 11.5080,
0.6920

■ 120.6550, 14.2130,
1.2290

■ 28.3880, 10.5910,
0.7910

■ 146.9540, 14.8090,
1.4410

■ 4.7840, 9.5360,
3.3920

■ 173.2530, 15.4050,
1.6530

■ 0.0000, 0.0000,
0.0000

■ 200.5520, 16.0010,
1.8650

■ 228.4380, 16.3220,
1.5540

■ 251.7570, 4.9980,

-2.4740

■ 72.1710, 12.7000,
1.1160

■ 72.1710, 12.7000,
1.1160

■ 67.7370, 16.9180,
1.7660

■ 76.7190, 8.1610,
0.7770

■ 63.1890, 21.4570,
2.1050

■ 81.1530, 3.9430,
0.1270

■ 59.3420, 25.4000,
2.2320

■ 85.1140, -0.3210,
0.3110

■ 54.7940, 29.9390,
2.5710

■ 89.5480, -4.5390,
-0.3390

■ 50.3600, 34.1570,
3.2210

■ 94.0960, -9.0780,
-0.6780

■ 45.8120, 38.6960,
3.5600

■ 98.5300, -13.2960,
-1.3280

■ 41.3780, 42.9140,
4.2100

■ 103.0780,
-17.8350, -1.6670

■ 41.2640, 43.2350,
3.8990

■ 106.9250,
-21.7780, -1.7940

■ 111.4730,
-26.3170, -2.1330

Harmonies

Analogous

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



72.8660, 12.2410, 3.9290



72.1710, 12.7000, 1.1160



71.2090, 9.5370, -2.1350

Triad

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



72.1710, 12.7000, 1.1160



68.9230, -10.2690, -6.6290



71.7100, -4.8150, 4.6650

Complementary

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



72.1710, 12.7000, 1.1160



72.8290, -12.7000, -1.1160

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.



70.8940, -11.3250, 1.4990



72.1710, 12.7000, 1.1160



68.9380, -14.6250, -4.7770

Square

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



72.1710, 12.7000, 1.1160



69.9300, -2.9790, -6.5870



69.3340, -15.6800, -2.1760



72.7710, 2.3830, 6.3750

Rectangle

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



72.1710, 12.7000, 1.1160



70.8880, 6.0070, -4.2410



69.3340, -15.6800, -2.1760



71.5140, -7.1990, 3.8170

Sweetspot

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



72.1710, 12.7000, 1.1160



104.7510, 5.1350, 0.5510



69.4130, 9.4430, 10.5870



52.9680, 3.0260, 0.2260



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



72.1710, 12.7000, 1.1160



90.2920, 19.6690, 1.4690



79.2150, 9.4000, -5.1600



40.7830, 2.1090, 0.3250



51.9510, 54.4220, 4.9020



114.2900, 119.4350, 10.5950

Inverse Universe

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



72.8290, -12.7000, -1.1160



90.7080, -19.6690, -1.4690



65.7850, -9.4000, 5.1600



41.2170, -2.1090, -0.3250



55.0490, -54.4220, -4.9020



120.7100, -119.4350, -10.5950

Previews

White Background



This preview shows how the YIQ color 72.1710, 12.7000, 1.1160 looks on a white background.

Color Contrast Check

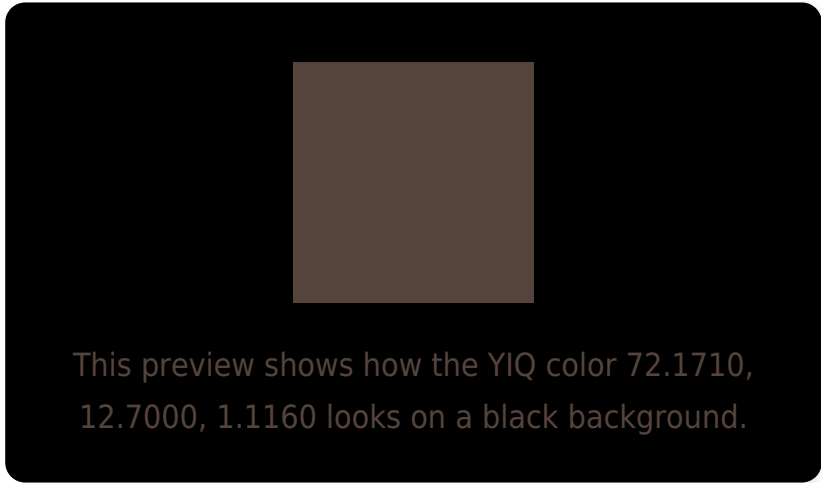
Large Text (above 18pt) WCAG AA ✓ Pass

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

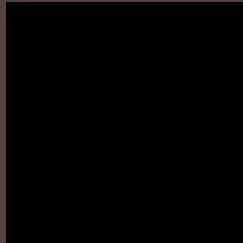
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.1710, 12.7000, 1.1160

Background



This preview shows how black text looks on a background with the YIQ color 72.1710, 12.7000, 1.1160.

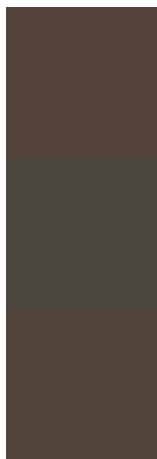


This preview shows how white text looks on a background with the YIQ color 72.1710, 12.7000,

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

72.1710, 12.7000, 1.1160

Protanopia

71.1700, 5.2730, -1.9510

Deuteranopia

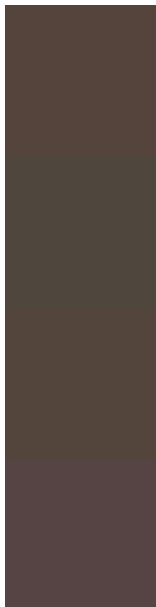
72.1600, 11.2330, 0.1690



Tritanopia

72.5500, 10.3150, 5.7950

Trichromacy



Original Color

72.1710, 12.7000, 1.1160

Protanomaly

71.6650, 8.2530, -0.8910

Deuteranomaly

72.4590, 11.8290, 0.3810

Tritanomaly

72.6810, 11.3240, 4.0280

Monochromacy



Original Color

72.1710, 12.7000, 1.1160

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.4520, 4.5390, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.1710, 12.7000, 1.1160 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(85, 68, 60)` looks like.

```
.text, #text, p{  
    color:rgb(85, 68, 60)  
}
```

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(85, 68, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 68, 60) }
```

Border

The CSS property to change the border of an element to YIQ 72.1710, 12.7000, 1.1160 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(85, 68, 60) }
```


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

```
.border{ border-color:rgb(85, 68, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 68, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 68, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 68, 60);  
box-shadow:4px 4px 4px 4px rgb(85, 68, 60)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.1710, 12.7000, 1.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 68, 60) }
```

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

```
.background{ background-color: rgb(85, 68,  
60) }
```

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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