

Converting Colors

YIQ(72.9460, 17.2870, -10.4330)

Have a look what the booklet for
YIQ(72.9460, 17.2870, -10.4330)
contains.

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Color

**YIQ(72.9460, 17.2870,
-10.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	534B24
RGB	83, 75, 36
RGB Percent	33%, 29%, 14%
CMY	0.6745, 0.7059, 0.8587
CMYK	0.00, 0.10, 0.57, 0.67
HSL	50°, 39%, 23%
HSV	50°, 57%, 33%
XYZ	6.4018, 6.9982, 2.6845
YIQ	72.9460, 17.2870, -10.4330

Conversions

Conversions Part 2

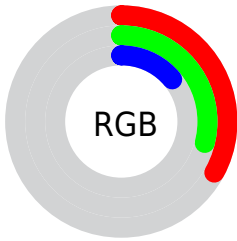
Format	Color
RYB	46, 83, 36
Decimal	5458724
CIELab	31.80, -2.61, 24.21
CIELCh	32, 24.349, 96.157
Yxy	6.9982, 0.3980, 0.4351
Android (android.graphics.Color)	4283648804 (0xFF534B24)
YUV	72.9460, -18.2144, 8.8174
Hunter-Lab	26.4540, -3.0979, 12.5013

Details

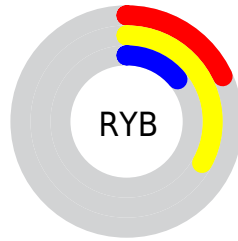
The YIQ color **72.9460, 17.2870, -10.4330** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.0540, -17.2870, 10.4330**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.2020, 19.4420, -10.9420**, and **29.2600, 13.5270, -8.3690** is the 20% darker color. If you saturate the color by 10%, you get **71.4470, 20.1300, -12.3980**, and if you desaturate by 10%, it is **74.4450, 14.4440, -8.4680**.

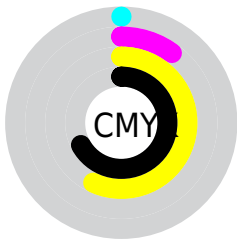
Distribution



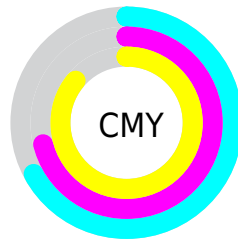
- Red (33%)
- Green (29%)
- Blue (14%)



- Red (18%)
- Yellow (33%)
- Blue (14%)



- Cyan (0%)
- Magenta (10%)
- Yellow (57%)
- Black (67%)



- Cyan (67%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.9460, 17.2870, -10.4330 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 72.9460, 17.2870, -10.4330 by changing the saturation by 10% instead.

■ 72.9460, 17.2870,
-10.4330

■ 72.9460, 17.2870,
-10.4330

■ 255.0000, -0.0000,
-0.0000

■ 49.7610, 16.3700,
-10.3340

■ 122.2020, 19.4420,
-10.9420

■ 29.2600, 13.5270,
-8.3690

■ 147.3870, 20.3590,
-11.0410

■ 5.5930, -0.4120,
-3.5480

■ 174.5720, 21.2760,
-11.1400

■ 0.0000, 0.0000,
0.0000

■ 201.7570, 22.1930,
-11.2390

■ 229.9420, 23.1100,
-11.3380

■ 250.2120, 13.4820,

-13.0620

■ 253.4040, 4.4940,
-4.3540

■ 72.9460, 17.2870,
-10.4330

■ 72.9460, 17.2870,
-10.4330

■ 71.4470, 20.1300,
-12.3980

■ 74.4450, 14.4440,
-8.4680

■ 69.2470, 23.5690,
-14.1510

■ 76.6450, 11.0050,
-6.7150

■ 67.7480, 26.4120,
-16.1160

■ 78.1440, 8.1620,
-4.7500

■ 65.6620, 29.5300,
-17.5580

■ 80.2300, 5.0440,
-3.3080

■ 65.3200, 30.4930,
-18.4910

■ 81.8430, 1.8800,
-1.0320

■ 83.3420, -0.9630,
0.9330

■ 85.4280, -4.0810,
2.3750

■ 86.9270, -6.9240,
4.3400

■ 89.1270, -10.3630,
6.0930

Harmonies

Analogous

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



74.0770, 27.4640, -2.1360



72.9460, 17.2870, -10.4330



70.6990, 1.7450, -15.1110

Triad

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



72.9460, 17.2870, -10.4330



60.3660, -54.2370, -13.7650



77.2660, 14.5310, 17.4990

Complementary

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



72.9460, 17.2870, -10.4330



46.0540, -17.2870, 10.4330

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.



76.5180, -3.8540, 14.7860



72.9460, 17.2870, -10.4330



60.5710, -56.0720, -8.0400

Square

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



72.9460, 17.2870, -10.4330



58.7870, -48.4130, -20.1970



72.4550, -25.9060, 6.9420



76.0300, 26.8190, 15.0670

Rectangle

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



72.9460, 17.2870, -10.4330



68.8160, -11.8260, -16.9620



72.4550, -25.9060, 6.9420



77.2160, 8.8000, 16.7360

Sweetspot

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



72.9460, 17.2870, -10.4330



103.1870, 6.6030, -4.0290



51.0790, 25.1230, 12.7630



51.5720, 4.0810, -2.3750



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



72.9460, 17.2870, -10.4330



91.6340, 26.7330, -16.4270



73.1570, 6.1470, -17.7970



39.9570, 1.5590, -0.7210



82.4640, 38.6550, -23.2410



182.6590, 85.1970, -51.7550

Inverse Universe

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



46.0540, -17.2870, 10.4330



49.9530, -27.0080, 15.9040



45.8430, -6.1470, 17.7970



37.4560, -1.2840, 1.2440



22.5360, -38.6550, 23.2410



49.9280, -85.4720, 51.2320

Previews

White Background



This preview shows how the YIQ color 72.9460, 17.2870, -10.4330 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



This preview shows how the YIQ color 72.9460, 17.2870, -10.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

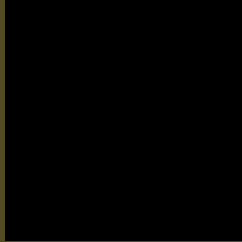
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.9460, 17.2870, -10.4330

Background



This preview shows how black text looks on a background with the YIQ color 72.9460, 17.2870, -10.4330.



This preview shows how white text looks on a background with the YIQ color 72.9460, 17.2870,

-10.4330.

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

72.9460, 17.2870, -10.4330

Protanopia

72.9460, 17.2870, -10.4330

Deuteranopia

73.4030, 23.4300, -6.1220



Tritanopia

76.3540, 7.9310, 4.9470

Trichromacy



Original Color

72.9460, 17.2870, -10.4330

Protanomaly

72.9460, 17.2870, -10.4330

Deuteranomaly

73.0930, 21.3670, -7.2810

Tritanomaly

74.9320, 11.8750, -0.4530

Monochromacy



Original Color

72.9460, 17.2870, -10.4330

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.3010, 6.2820, -3.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.9460, 17.2870, -10.4330 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(83, 75, 36)` looks like.

```
.text, #text, p{  
    color:rgb(83, 75, 36)  
}
```

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(83, 75, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 75, 36) }
```

Border

The CSS property to change the border of an element to YIQ 72.9460, 17.2870, -10.4330 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(83, 75, 36) }
```


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

```
.border{ border-color:rgb(83, 75, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 75, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 75, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 75, 36);  
box-shadow:4px 4px 4px 4px rgb(83, 75, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.9460, 17.2870, -10.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 75, 36) }
```

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

```
.background{ background-color: rgb(83, 75,  
36) }
```

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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