

Converting Colors

YIQ(73.1890, 12.2890, -7.9590)

Have a look what the booklet for
YIQ(73.1890, 12.2890, -7.9590)
contains.

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Color

**YIQ(73.1890, 12.2890,
-7.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	504B2E
RGB	80, 75, 46
RGB Percent	31%, 29%, 18%
CMY	0.6863, 0.7059, 0.8195
CMYK	0.00, 0.06, 0.42, 0.69
HSL	51°, 27%, 25%
HSV	51°, 42%, 31%
XYZ	6.3176, 6.9347, 3.5922
YIQ	73.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

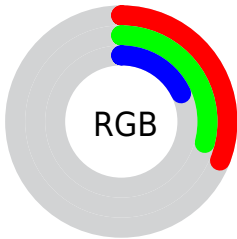
Format	Color
R_{YB}	52, 80, 46
Decimal	5262126
CIE Lab	31.66, -2.88, 18.02
CIE LCh	32, 18.252, 99.088
Yxy	6.9347, 0.3751, 0.4117
Android (android.graphics.Color)	4283452206 (0xFF504B2E)
YUV	73.1890, -13.4042, 5.9732
Hunter-Lab	26.3337, -3.2613, 10.3458

Details

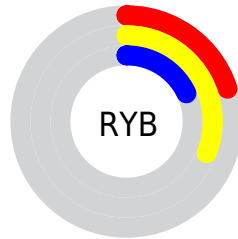
The YIQ color **73.1890, 12.2890, -7.9590** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **52.8110, -12.2890, 7.9590**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.1460, 13.8480, -8.6800**, and **28.9610, 12.9310, -8.5810** is the 20% darker color. If you saturate the color by 10%, you get **71.6900, 15.1320, -9.9240**, and if you desaturate by 10%, it is **74.6880, 9.4460, -5.9940**.

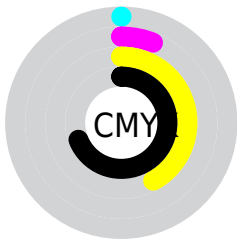
Distribution



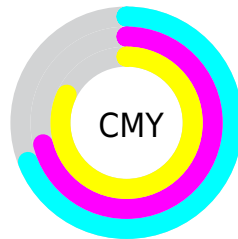
- Red (31%)
- Green (29%)
- Blue (18%)



- Red (20%)
- Yellow (31%)
- Blue (18%)



- Cyan (0%)
- Magenta (6%)
- Yellow (42%)
- Black (69%)



- Cyan (69%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.1890, 12.2890, -7.9590 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 73.1890, 12.2890, -7.9590 by changing the saturation by 10% instead.

■ 73.1890, 12.2890,
-7.9590

■ 73.1890, 12.2890,
-7.9590

■ 255.0000, -0.0000,
-0.0000

■ 50.4170, 11.6470,
-7.3370

■ 122.1460, 13.8480,
-8.6800

■ 28.9610, 12.9310,
-8.5810

■ 147.4450, 14.4440,
-8.4680

■ 5.2940, -1.0080,
-3.7600

■ 174.3310, 14.7650,
-8.7790

■ 0.0000, 0.0000,
0.0000

■ 201.5160, 15.6820,
-8.8780

■ 230.4020, 16.0030,
-9.1890

■ 251.5800, 9.6300,

-9.3300

254.7720, 0.6420,
-0.6220

■ 73.1890, 12.2890,
-7.9590

■ 73.1890, 12.2890,
-7.9590

■ 71.6900, 15.1320,
-9.9240

■ 74.6880, 9.4460,
-5.9940

■ 70.1910, 17.9750,
-11.8890

■ 76.1870, 6.6030,
-4.0290

■ 68.1050, 21.0930,
-13.3310

■ 78.2730, 3.4850,
-2.5870

■ 66.6060, 23.9360,
-15.2960

■ 79.7720, 0.6420,
-0.6220

■ 65.1070, 26.7790,
-17.2610

■ 81.2710, -2.2010,
1.3430

■ 63.8360, 28.9800,
-18.6040

■ 82.7700, -5.0440,
3.3080

■ 84.2690, -7.8870,
5.2730

■ 85.7680, -10.7300,
7.2380

■ 87.8540, -13.8480,
8.6800

Harmonies

Analogous

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



74.3690, 20.7700, -1.9660



73.1890, 12.2890, -7.9590



71.4370, -0.2730, -11.5770

Triad

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



73.1890, 12.2890, -7.9590



65.5100, -36.9070, -8.4510



76.5490, 12.0560, 12.7920

Complementary

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



73.1890, 12.2890, -7.9590



52.8110, -12.2890, 7.9590

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.



76.0790, -1.2400, 11.4640



73.1890, 12.2890, -7.9590



69.8470, -30.3060, -1.4260

Square

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



73.1890, 12.2890, -7.9590



66.2950, -29.1120, -12.0560



73.7180, -16.4610, 6.4750



76.4590, 20.9970, 10.4450

Rectangle

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



73.1890, 12.2890, -7.9590



70.1200, -9.6260, -12.7780



73.7180, -16.4610, 6.4750



76.3960, 8.1130, 12.6650

Sweetspot

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



73.1890, 12.2890, -7.9590



102.2300, 5.0440, -3.3080



56.7360, 18.6590, 8.7630



51.8000, 3.4390, -1.7530



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.



73.1890, 12.2890, -7.9590



94.1480, 19.5340, -12.6100



72.5360, 3.7620, -13.1180



39.9570, 1.5590, -0.7210



83.6380, 38.1050, -24.2870



185.5940, 83.8220, -54.3700

Inverse Universe

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



52.8110, -12.2890, 7.9590



61.8520, -19.5340, 12.6100



53.4640, -3.7620, 13.1180



37.4560, -1.2840, 1.2440



20.7750, -37.8300, 24.8100



46.4060, -83.8220, 54.3700

Previews

White Background



This preview shows how the YIQ color 73.1890, 12.2890, -7.9590 looks on a white background.

Color Contrast Check

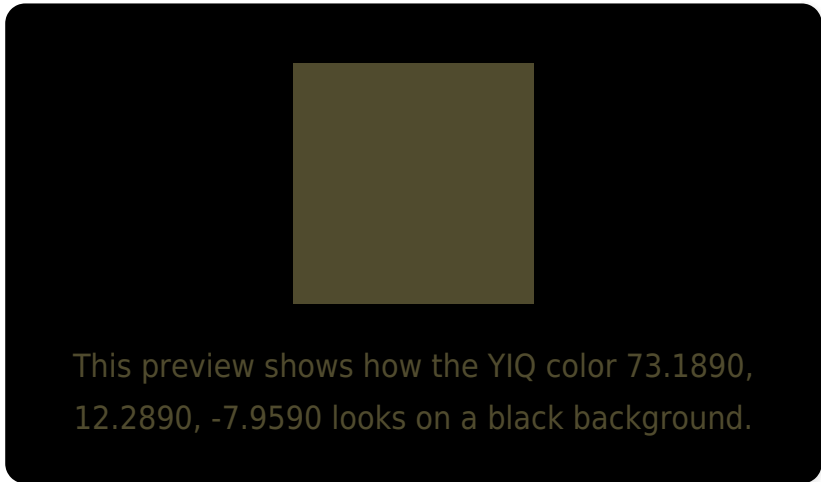
Large Text (above 18pt) WCAG AA ✓ Pass

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

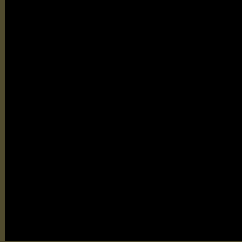
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.1890, 12.2890, -7.9590

Background



This preview shows how black text looks on a background with the YIQ color 73.1890, 12.2890, -7.9590.



This preview shows how white text looks on a background with the YIQ color 73.1890, 12.2890, -7.9590.

-7.9590.

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

73.1890, 12.2890, -7.9590

Protanopia

73.4880, 12.8850, -7.7470

Deuteranopia

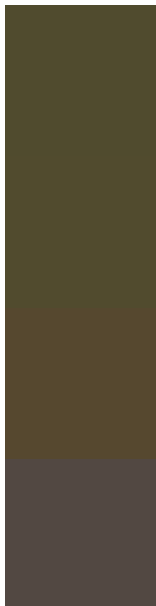
73.9450, 19.0280, -3.4360



Tritanopia

75.2720, 5.2260, 4.4100

Trichromacy



Original Color

73.1890, 12.2890, -7.9590

Protanomaly

73.4880, 12.8850, -7.7470

Deuteranomaly

73.3360, 16.3690, -4.8070

Tritanomaly

74.3060, 7.8860, 0.2540

Monochromacy



Original Color

73.1890, 12.2890, -7.9590

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.3440, 4.7230, -2.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.1890, 12.2890, -7.9590 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(80, 75, 46)` looks like.

```
.text, #text, p{  
    color:rgb(80, 75, 46)  
}
```

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(80, 75, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 75, 46) }
```

Border

The CSS property to change the border of an element to YIQ 73.1890, 12.2890, -7.9590 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(80, 75, 46) }
```


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

```
.border{ border-color:rgb(80, 75, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 75, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 75, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 75, 46);  
box-shadow:4px 4px 4px 4px rgb(80, 75, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.1890, 12.2890, -7.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 75, 46) }
```

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

```
.background{ background-color: rgb(80, 75,  
46) }
```

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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