

Converting Colors

YIQ(76.7030, 22.2850, -12.9070)

Have a look what the booklet for
YIQ(76.7030, 22.2850, -12.9070)
contains.

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Color

**YIQ(76.7030, 22.2850,
-12.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4F1E
RGB	90, 79, 30
RGB Percent	35%, 31%, 12%
CMY	0.6471, 0.6902, 0.8822
CMYK	0.00, 0.12, 0.67, 0.65
HSL	49°, 50%, 24%
HSV	49°, 67%, 35%
XYZ	7.2467, 7.8588, 2.3654
YIQ	76.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

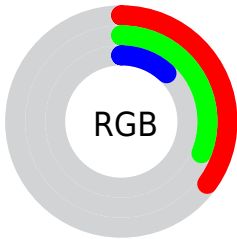
Format	Color
RYB	43, 90, 30
Decimal	5918494
CIELab	33.69, -2.15, 29.86
CIELCh	34, 29.939, 94.120
Yxy	7.8588, 0.4148, 0.4498
Android (android.graphics.Color)	4284108574 (0xFF5A4F1E)
YUV	76.7030, -23.0246, 11.6615
Hunter-Lab	28.0335, -2.9160, 14.6207

Details

The YIQ color **76.7030, 22.2850, -12.9070** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **43.2970, -22.2850, 12.9070**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.2580, 25.0360, -13.2040**, and **33.1030, 15.4070, -9.4010** is the 20% darker color. If you saturate the color by 10%, you get **74.5030, 25.7240, -14.6600**, and if you desaturate by 10%, it is **78.9030, 18.8460, -11.1540**.

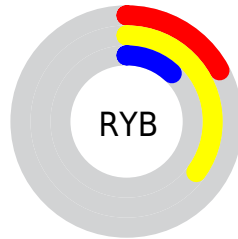
Distribution



Red (35%)

Green (31%)

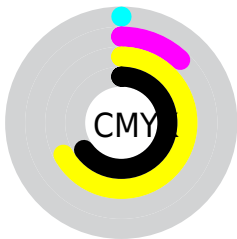
Blue (12%)



Red (17%)

Yellow (35%)

Blue (12%)

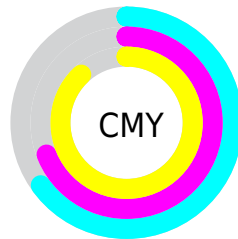


Cyan (0%)

Magenta (12%)

Yellow (67%)

Black (65%)



Cyan (65%)

Magenta (69%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.7030, 22.2850, -12.9070 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 76.7030, 22.2850, -12.9070 by changing the saturation by 10% instead.

■ 76.7030, 22.2850,
-12.9070

■ 76.7030, 22.2850,
-12.9070

■ 255.0000, -0.0000,
-0.0000

■ 53.1050, 21.0930,
-13.3310

■ 126.2580, 25.0360,
-13.2040

■ 33.1030, 15.4070,
-9.4010

■ 152.4430, 25.9530,
-13.3030

■ 12.7030, 5.0900,
-4.1420

■ 179.5140, 27.1910,
-13.7130

■ 0.0000, 0.0000,
0.0000

■ 206.6990, 28.1080,
-13.8120

■ 234.8840, 29.0250,
-13.9110

■ 249.5280, 15.4080,

-14.9280

■ 252.7200, 6.4200,
-6.2200

■ 76.7030, 22.2850,
-12.9070

■ 76.7030, 22.2850,
-12.9070

■ 74.5030, 25.7240,
-14.6600

■ 78.9030, 18.8460,
-11.1540

■ 72.8900, 28.8880,
-16.9360

■ 80.5160, 15.6820,
-8.8780

■ 70.6900, 32.3270,
-18.6890

■ 82.7160, 12.2430,
-7.1250

■ 69.7610, 33.5650,
-19.0990

■ 84.9160, 8.8040,
-5.3720

■ 86.5290, 5.6400,
-3.0960

■ 88.7290, 2.2010,
-1.3430

■ 90.9290, -1.2380,
0.4100

■ 92.5420, -4.4020,
2.6860

■ 94.7420, -7.8410,
4.4390

Harmonies

Analogous

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



78.1980, 34.4330, -1.7830



76.7030, 22.2850, -12.9070



74.2490, 2.8920, -19.3800

Triad

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



76.7030, 22.2850, -12.9070



65.3870, -58.7300, -14.9380



81.5700, 16.7310, 21.6830

Complementary

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



76.7030, 22.2850, -12.9070



43.2970, -22.2850, 12.9070

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.



81.2450, -7.3390, 17.3730



76.7030, 22.2850, -12.9070



64.8630, -62.7660, -7.8700

Square

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



76.7030, 22.2850, -12.9070



62.7650, -51.3470, -22.0910



74.7680, -37.0930, 5.9390



80.1880, 32.3660, 19.1660

Rectangle

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



76.7030, 22.2850, -12.9070



71.3980, -13.7050, -21.4570



74.7680, -37.0930, 5.9390



82.0360, 9.4870, 20.8070

Sweetspot

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



76.7030, 22.2850, -12.9070



112.0300, 8.4830, -5.0610



49.3080, 31.9080, 16.4520



55.6430, 5.3190, -2.7850



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.



76.7030, 22.2850, -12.9070



96.3050, 34.8490, -20.3430



77.7780, 8.5320, -22.4760



44.8430, 1.8800, -1.0320



85.7200, 40.8100, -23.7500



184.7410, 87.9020, -51.2180

Inverse Universe

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



43.2970, -22.2850, 12.9070



44.2820, -35.1240, 19.8200



42.2220, -8.5320, 22.4760



42.1570, -1.8800, 1.0320



24.2800, -40.8100, 23.7500



52.8460, -88.1770, 50.6950

Previews

White Background



This preview shows how the YIQ color 76.7030, 22.2850, -12.9070 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 76.7030, 22.2850, -12.9070 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 76.7030, 22.2850, -12.9070

Background



This preview shows how black text looks on a background with the YIQ color 76.7030, 22.2850, -12.9070.



This preview shows how white text looks on a background with the YIQ color 76.7030, 22.2850,

-12.9070.

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

76.7030, 22.2850, -12.9070

Protanopia

76.9910, 21.4140, -13.6420

Deuteranopia

77.1600, 28.4280, -8.5960



Tritanopia

80.6640, 9.9940, 6.1060

Trichromacy



Original Color

76.7030, 22.2850, -12.9070

Protanomaly

76.9910, 21.4140, -13.6420

Deuteranomaly

76.8500, 26.3650, -9.7550

Tritanomaly

79.4870, 14.6260, -0.7500

Monochromacy



Original Color

76.7030, 22.2850, -12.9070

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1440, 8.1620, -4.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.7030, 22.2850, -12.9070 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, 79, 30)` looks like.

```
.text, #text, p{  
    color:rgb(90, 79, 30)  
}
```

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, 79, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 79, 30) }
```

Border

The CSS property to change the border of an element to YIQ 76.7030, 22.2850, -12.9070 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, 79, 30) }
```


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

```
.border{ border-color:rgb(90, 79, 30) }
```

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

Here you see how a box with a 4 pixel rgb(90, 79, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 79, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 79, 30);  
box-shadow:4px 4px 4px 4px rgb(90, 79, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.7030, 22.2850, -12.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 79, 30) }
```

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

```
.background{ background-color: rgb(90, 79,  
30) }
```

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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