

Converting Colors

YIQ(179.2830, 75.4730,
-29.7030)

Have a look what the booklet for
YIQ(179.2830, 75.4730, -29.7030)
contains.

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Color

**YIQ(179.2830, 75.4730,
-29.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B22D
RGB	233, 178, 45
RGB Percent	91%, 70%, 18%
CMY	0.0862, 0.3020, 0.8231
CMYK	0.00, 0.24, 0.81, 0.09
HSL	42°, 81%, 55%
HSV	42°, 81%, 91%
XYZ	49.9996, 49.3474, 9.3827
YIQ	179.2830, 75.4730, -29.7030

Conversions

Conversions Part 2

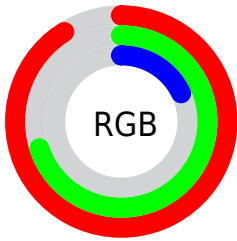
Format	Color
R_{YB}	123, 233, 45
Decimal	15315501
CIE Lab	75.67, 8.51, 69.71
CIE LCh	76, 70.225, 83.040
Yxy	49.3474, 0.4599, 0.4539
Android (android.graphics.Color)	4293505581 (0xFFE9B22D)
YUV	179.2830, -66.2015, 47.1098
Hunter-Lab	70.2477, 4.1160, 41.2542

Details

The YIQ color **179.2830, 75.4730, -29.7030** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **98.7170, -75.4730, 29.7030**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.6440, 55.1630, -36.0770**, and **125.3900, 67.8620, -29.4340** is the 20% darker color. If you saturate the color by 10%, you get **172.5520, 84.7810, -33.1950**, and if you desaturate by 10%, it is **186.0140, 66.1650, -26.2110**.

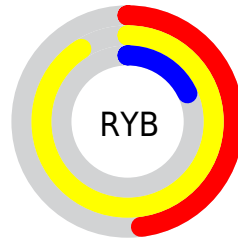
Distribution



Red (91%)

Green (70%)

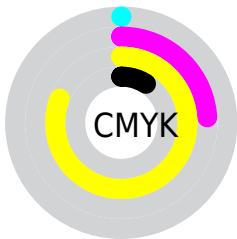
Blue (18%)



Red (48%)

Yellow (91%)

Blue (18%)

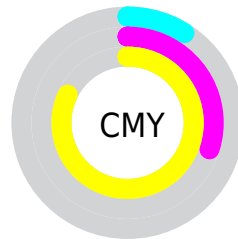


Cyan (0%)

Magenta (24%)

Yellow (81%)

Black (9%)



Cyan (9%)

Magenta (30%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.2830, 75.4730, -29.7030 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 179.2830, 75.4730, -29.7030 by changing the saturation by 10% instead.

179.2830, 75.4730,
-29.7030

179.2830, 75.4730,
-29.7030

255.0000, -0.0000,
-0.0000

149.1490, 78.5460,
-35.8380

224.7580, 54.8420,
-35.7660

125.3900, 67.8620,
-29.4340

240.7500, 40.1250,
-38.8750

102.0440, 57.4530,
-22.5070

243.9420, 31.1370,
-30.1670

79.2850, 46.7690,
-16.1030

247.1340, 22.1490,
-21.4590

57.9990, 36.1310,
-10.5330

250.4400, 12.8400,
-12.4400

37.5990, 25.8140,
-5.2740

253.8600, 3.2100,

18.0960, 17.2850,

-3.1100

0.6210

■ 0.0000, 0.0000,
0.0000

■ 179.2830, 75.4730,
-29.7030

■ 179.2830, 75.4730,
-29.7030

■ 172.5520, 84.7810,
-33.1950

■ 186.0140, 66.1650,
-26.2110

■ 166.5220, 93.4930,
-36.8990

■ 192.8590, 56.5360,
-22.4080

■ 199.0030, 47.5030,
-18.3930

■ 205.7340, 38.1950,
-14.9010

■ 212.5790, 28.5660,
-11.0980

■ 219.3100, 19.2580,
-7.6060

■ 226.0410, 9.9500,
-4.1140

■ 232.8860, 0.3210,
-0.3110

■ 239.0300, -8.7120,
3.7040

Harmonies

Analogous

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



174.9310, 83.5370, 0.3770



179.2830, 75.4730, -29.7030



173.9240, 30.4070, -49.9850

Triad

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



179.2830, 75.4730, -29.7030



154.1690, -135.1100, -40.4060



190.6960, 26.4450, 54.9010

Complementary

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



179.2830, 75.4730, -29.7030



98.7170, -75.4730, 29.7030

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.



180.2220, -34.8950, 21.1770



179.2830, 75.4730, -29.7030



153.5140, -140.1550, -31.5710

Square

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



179.2830, 75.4730, -29.7030



146.6450, -113.9240, -60.9320



145.2960, -136.3050, -24.2490



174.0500, 51.5710, 51.0830

Rectangle

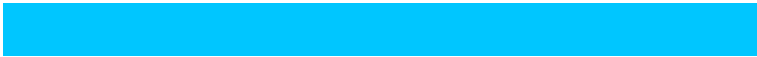
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



179.2830, 75.4730, -29.7030



167.3780, -12.0940, -56.1740



145.2960, -136.3050, -24.2490



188.8030, 9.6660, 45.1060

Sweetspot

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



179.2830, 75.4730, -29.7030



237.4800, 24.5310, -9.5570



107.5960, 94.0720, 57.2720



117.3250, 14.9020, -5.7540



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



179.2830, 75.4730, -29.7030



184.5780, 99.0870, -39.1610



200.2060, 37.7000, -66.5240



113.9850, 4.3560, -1.8520



129.2550, 72.6760, -28.5720



38.4520, 21.7340, -8.4260

Inverse Universe

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



98.7170, -75.4730, 29.7030



78.4220, -99.0870, 39.1610



77.7940, -37.7000, 66.5240



109.0150, -4.3560, 1.8520



51.7450, -72.6760, 28.5720



15.5480, -21.7340, 8.4260

Previews

White Background



This preview shows how the YIQ color 179.2830, 75.4730, -29.7030 looks on a white 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

Black Background



This preview shows how the YIQ color 179.2830, 75.4730, -29.7030 looks on a black 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

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

YIQ 179.2830, 75.4730, -29.7030

Background



This preview shows how black text looks on a background with the YIQ color 179.2830, 75.4730, -29.7030.



This preview shows how white text looks on a background with the YIQ color 179.2830, 75.4730,

-29.7030.

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

179.2830, 75.4730, -29.7030

Protanopia

177.9170, 58.6480, -38.6640

Deuteranopia

179.2940, 76.9400, -28.7560



Tritanopia

189.9070, 40.5270, 19.9430

Trichromacy



Original Color

179.2830, 75.4730, -29.7030

Protanomaly

178.4340, 64.5620, -35.7100

Deuteranomaly

178.9950, 76.3440, -28.9680

Tritanomaly

185.7720, 53.3680, 1.9760

Monochromacy



Original Color

179.2830, 75.4730, -29.7030

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.3940, 27.6490, -10.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.2830, 75.4730, -29.7030 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(233, 178, 45)` looks like.

```
.text, #text, p{  
    color:rgb(233, 178, 45)  
}
```

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(233, 178, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 178, 45) }
```

Border

The CSS property to change the border of an element to YIQ 179.2830, 75.4730, -29.7030 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(233, 178, 45) }
```


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

```
.border{ border-color:rgb(233, 178, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 178, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 178, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 178, 45);  
box-shadow:4px 4px 4px 4px rgb(233, 178,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 179.2830, 75.4730, -29.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 178, 45) }
```

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

```
.background{ background-color: rgb(233,  
178, 45) }
```

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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