

Converting Colors

YIQ(128.8280, 76.1570, -9.0510)

Have a look what the booklet for
YIQ(128.8280, 76.1570, -9.0510)
contains.

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Color

**YIQ(128.8280, 76.1570,
-9.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	C4721D
RGB	196, 114, 29
RGB Percent	77%, 45%, 11%
CMY	0.2312, 0.5531, 0.8859
CMYK	0.00, 0.42, 0.85, 0.23
HSL	31°, 74%, 44%
HSV	31°, 85%, 77%
XYZ	29.0107, 23.8566, 4.2442
YIQ	128.8280, 76.1570, -9.0510

Conversions

Conversions Part 2

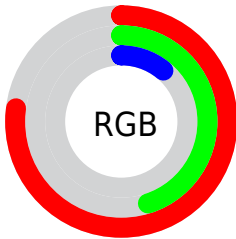
Format	Color
RYB	190, 196, 29
Decimal	12874269
CIELab	55.94, 26.55, 56.23
CIElCh	56, 62.180, 64.728
Yxy	23.8566, 0.5080, 0.4177
Android (android.graphics.Color)	4291064349 (0xFFC4721D)
YUV	128.8280, -49.2152, 58.9098
Hunter-Lab	48.8432, 20.5455, 29.0382

Details

The YIQ color **128.8280, 76.1570, -9.0510** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **96.1720, -76.1570, 9.0510**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0350, 80.0080, -7.2560**, and **78.8190, 63.1810, -5.1630** is the 20% darker color. If you saturate the color by 10%, you get **120.6780, 85.3270, -10.0410**, and if you desaturate by 10%, it is **136.9780, 66.9870, -8.0610**.

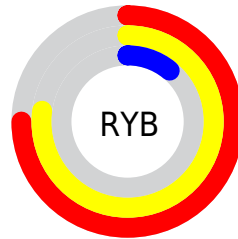
Distribution



Red (77%)

Green (45%)

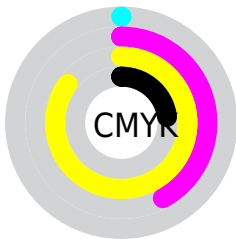
Blue (11%)



Red (75%)

Yellow (77%)

Blue (11%)

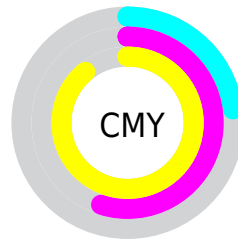


Cyan (0%)

Magenta (42%)

Yellow (85%)

Black (23%)



Cyan (23%)

Magenta (55%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.8280, 76.1570, -9.0510 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 128.8280, 76.1570, -9.0510 by changing the saturation by 10% instead.

■ 128.8280, 76.1570,
-9.0510

■ 128.8280, 76.1570,
-9.0510

■ 255.0000, -0.0000,
-0.0000

■ 101.8770, 74.4610,
-11.3550

■ 183.0350, 80.0080,
-7.2560

■ 78.8190, 63.1810,
-5.1630

■ 202.4350, 63.9620,
-13.8140

■ 56.6470, 52.2220,
0.7180

■ 221.9490, 47.5950,
-20.0610

■ 34.4750, 41.2630,
6.5990

■ 241.4630, 31.2280,
-26.3080

■ 15.2490, 30.3960,
10.8120

■ 247.4760, 21.1860,
-20.5260

■ 5.9800, 11.9200,
4.2400

■ 250.7820, 11.8770,

■ 0.0000, 0.0000,

-11.5070

0.0000

254.0880, 2.5680,
-2.4880

128.8280, 76.1570,
-9.0510

128.8280, 76.1570,
-9.0510

120.6780, 85.3270,
-10.0410

136.9780, 66.9870,
-8.0610

117.3040, 89.3160,
-10.7480

144.4270, 58.4130,
-6.8590

152.5770, 49.2430,
-5.8690

160.7270, 40.0730,
-4.8790

168.1760, 31.4990,
-3.6770

■ 176.3260, 22.3290,
-2.6870

■ 183.7750, 13.7550,
-1.4850

■ 191.9250, 4.5850,
-0.4950

■ 200.0750, -4.5850,
0.4950

Harmonies

Analogous

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



129.0570, 84.0830, 23.5310



128.8280, 76.1570, -9.0510



124.1060, 53.7420, -37.8580

Triad

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



128.8280, 76.1570, -9.0510



109.4070, -88.9860, -39.3060



136.9830, -17.3840, 39.7360

Complementary

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



128.8280, 76.1570, -9.0510



96.1720, -76.1570, 9.0510

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.



108.5940, -115.6320, 3.0880



128.8280, 76.1570, -9.0510



114.8620, -105.7240, -22.3000

Square

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



128.8280, 76.1570, -9.0510



101.2620, -70.1850, -55.1530



115.6720, -116.2720, -7.3440



135.3460, 39.0540, 52.1580

Rectangle

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



128.8280, 76.1570, -9.0510



121.4490, 24.6750, -45.2210



115.6720, -116.2720, -7.3440



133.4360, -40.9490, 31.7790

Sweetspot

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



128.8280, 76.1570, -9.0510



228.1050, 30.2610, -3.2670



88.5090, 72.5680, 61.5280



111.7000, 18.3400, -1.9800



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.



128.8280, 76.1570, -9.0510



152.5550, 116.2300, -13.9300



176.9620, 53.6070, -51.9370



92.9250, 4.5850, -0.4950



96.2730, 73.4060, -8.7540



19.8460, 14.9930, -1.8950

Inverse Universe

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



96.1720, -76.1570, 9.0510



102.4450, -116.2300, 13.9300



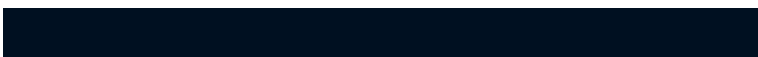
48.0380, -53.6070, 51.9370



91.0750, -4.5850, 0.4950



64.7270, -73.4060, 8.7540



13.1540, -14.9930, 1.8950

Previews

White Background



This preview shows how the YIQ color 128.8280, 76.1570, -9.0510 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.8280, 76.1570, -9.0510 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 × Fail

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

YIQ 128.8280, 76.1570, -9.0510

Background



This preview shows how black text looks on a background with the YIQ color 128.8280, 76.1570, -9.0510.



This preview shows how white text looks on a background with the YIQ color 128.8280, 76.1570, -9.0510.

-9.0510.

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

128.8280, 76.1570, -9.0510

Protanopia

128.2700, 41.9570, -28.0190

Deuteranopia

128.3600, 59.3790, -24.3730



Tritanopia

135.0180, 53.4560, 22.4160

Trichromacy



Original Color

128.8280, 76.1570, -9.0510

Protanomaly

128.1300, 54.3350, -21.0650

Deuteranomaly

128.4580, 65.1550, -18.9170

Tritanomaly

132.9460, 61.9860, 10.9940

Monochromacy



Original Color

128.8280, 76.1570, -9.0510

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1370, 27.2350, -3.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.8280, 76.1570, -9.0510 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(196, 114, 29)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 29)  
}
```

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(196, 114, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 29) }
```

Border

The CSS property to change the border of an element to YIQ 128.8280, 76.1570, -9.0510 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(196, 114, 29) }
```


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

```
.border{ border-color:rgb(196, 114, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 29);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 128.8280, 76.1570, -9.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 29) }
```

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

```
.background{ background-color: rgb(196,  
114, 29) }
```

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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