

Converting Colors

YIQ(128.6800, 73.8180, -5.2060)

Have a look what the booklet for
YIQ(128.6800, 73.8180, -5.2060)
contains.

YIQ(128.6800, 73.8180, -5.2060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(128.6800, 73.8180,
-5.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	C47026
RGB	196, 112, 38
RGB Percent	77%, 44%, 15%
CMY	0.2312, 0.5609, 0.8506
CMYK	0.00, 0.43, 0.81, 0.23
HSL	28°, 67%, 46%
HSV	28°, 81%, 77%
XYZ	28.9167, 23.4620, 4.8458
YIQ	128.6800, 73.8180, -5.2060

Conversions

Conversions Part 2

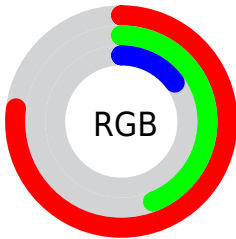
Format	Color
RYB	196, 177, 38
Decimal	12873766
CIELab	55.55, 27.90, 52.48
CIELCh	56, 59.433, 62.002
Yxy	23.4620, 0.5053, 0.4100
Android (android.graphics.Color)	4291063846 (0xFFC47026)
YUV	128.6800, -44.7052, 59.0396
Hunter-Lab	48.4376, 21.7966, 27.9748

Details

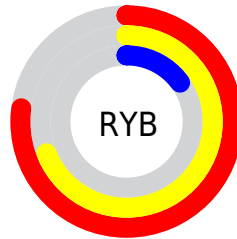
The YIQ color **128.6800, 73.8180, -5.2060** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **105.3200, -73.8180, 5.2060**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6590, 78.3110, -4.0330**, and **77.6450, 63.7310, -4.1170** is the 20% darker color. If you saturate the color by 10%, you get **120.5300, 82.9880, -6.1960**, and if you desaturate by 10%, it is **136.8300, 64.6480, -4.2160**.

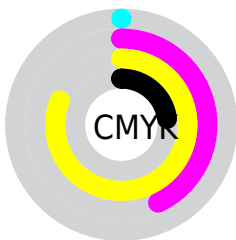
Distribution



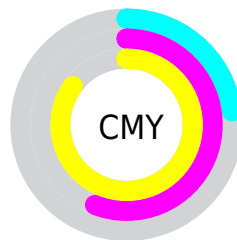
- Red (77%)
- Green (44%)
- Blue (15%)



- Red (77%)
- Yellow (69%)
- Blue (15%)



- Cyan (0%)
- Magenta (43%)
- Yellow (81%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.6800, 73.8180, -5.2060 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 128.6800, 73.8180, -5.2060 by changing the saturation by 10% instead.

128.6800, 73.8180,
-5.2060

128.6800, 73.8180,
-5.2060

255.0000, -0.0000,
-0.0000

101.6150, 72.4430,
-7.8210

182.6590, 78.3110,
-4.0330

77.6450, 63.7310,
-4.1170

202.0590, 62.2650,
-10.5910

55.4730, 52.7720,
1.7640

221.4590, 46.2190,
-17.1490

33.0130, 42.6840,
8.3800

240.9730, 29.8520,
-23.3960

15.5480, 30.9920,
11.0240

248.2740, 18.9390,
-18.3490

5.9800, 11.9200,
4.2400

251.5800, 9.6300,

0.0000, 0.0000,

-9.3300

0.0000

254.8860, 0.3210,
-0.3110

■ 128.6800, 73.8180,
-5.2060

■ 128.6800, 73.8180,
-5.2060

■ 120.5300, 82.9880,
-6.1960

■ 136.8300, 64.6480,
-4.2160

■ 112.6080, 91.5160,
-6.5640

■ 145.4530, 55.5240,
-4.0600

■ 153.6030, 46.3540,
-3.0700

■ 162.3400, 36.9090,
-2.6030

■ 170.3760, 28.0600,
-1.9240

■ 179.1130, 18.6150,
-1.4570

■ 187.1490, 9.7660,
-0.7780

■ 195.2990, 0.5960,
0.2120

■ 204.0360, -8.8490,
0.6790

Harmonies

Analogous

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



128.7300, 80.6900, 24.4500



128.6800, 73.8180, -5.2060



124.5130, 54.1540, -34.3100

Triad

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



128.6800, 73.8180, -5.2060



107.5490, -86.5100, -40.1260



135.4230, -21.7390, 36.0610

Complementary

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



128.6800, 73.8180, -5.2060



105.3200, -73.8180, 5.2060

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.



108.0240, -114.0270, 1.5330



128.6800, 73.8180, -5.2060



112.7760, -102.6060, -23.7420

Square

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



128.6800, 73.8180, -5.2060



99.7460, -68.6720, -55.0400



114.1730, -113.4290, -9.3090



135.7150, 33.4610, 48.8930

Rectangle

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



128.6800, 73.8180, -5.2060



122.3400, 26.6000, -41.5600



114.1730, -113.4290, -9.3090



131.1750, -44.7080, 28.3160

Sweetspot

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



128.6800, 73.8180, -5.2060



228.6750, 28.6560, -1.7120



94.8180, 67.2040, 59.6200



112.0420, 17.3770, -1.0470



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.



128.6800, 73.8180, -5.2060



149.3580, 115.5870, -7.7810



175.0530, 52.0930, -46.5230



92.9250, 4.5850, -0.4950



92.1640, 75.3310, -5.0930



19.2590, 15.2680, -1.3720

Inverse Universe

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



105.3200, -73.8180, 5.2060



113.0550, -115.3120, 8.3040



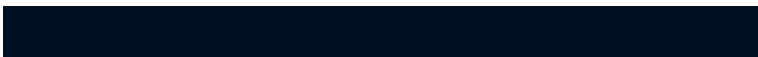
58.9470, -52.0930, 46.5230



91.0750, -4.5850, 0.4950



68.8360, -75.3310, 5.0930



14.3280, -15.5430, 0.8490

Previews

White Background



This preview shows how the YIQ color 128.6800, 73.8180, -5.2060 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 128.6800, 73.8180, -5.2060 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 128.6800, 73.8180, -5.2060

Background



This preview shows how black text looks on a background with the YIQ color 128.6800, 73.8180, -5.2060.



This preview shows how white text looks on a background with the YIQ color 128.6800, 73.8180, -5.2060.

-5.2060.

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

128.6800, 73.8180, -5.2060

Protanopia

128.5240, 38.4260, -24.5980

Deuteranopia

128.4290, 54.9310, -20.8530



Tritanopia

134.2030, 54.3730, 22.3170

Trichromacy



Original Color

128.6800, 73.8180, -5.2060

Protanomaly

128.6830, 51.4000, -17.4320

Deuteranomaly

128.7120, 61.6240, -15.4960

Tritanomaly

132.5870, 61.6190, 12.1390

Monochromacy



Original Color

128.6800, 73.8180, -5.2060

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8920, 26.5470, -2.0370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.6800, 73.8180, -5.2060 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, 112, 38)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 38)  
}
```

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, 112, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 38) }
```

Border

The CSS property to change the border of an element to YIQ 128.6800, 73.8180, -5.2060 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, 112, 38) }
```


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

```
.border{ border-color:rgb(196, 112, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 112, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 112, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 112, 38);  
box-shadow:4px 4px 4px 4px rgb(196, 112,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 128.6800, 73.8180, -5.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 112, 38) }
```

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

```
.background{ background-color: rgb(196,  
112, 38) }
```

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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