

Converting Colors

YIQ(129.1760, 76.1980, 17.7500)

Have a look what the booklet for
YIQ(129.1760, 76.1980, 17.7500)
contains.

YIQ(129.1760, 76.1980, 17.7500)	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(129.1760, 76.1980,
17.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	D5614B
RGB	213, 97, 75
RGB Percent	84%, 38%, 29%
CMY	0.1644, 0.6198, 0.7056
CMYK	0.00, 0.54, 0.65, 0.16
HSL	10°, 62%, 56%
HSV	10°, 65%, 84%
XYZ	33.0030, 23.2056, 9.4109
YIQ	129.1760, 76.1980, 17.7500

Conversions

Conversions Part 2

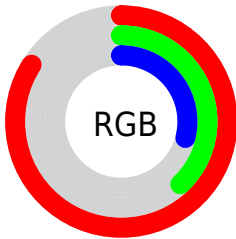
Format	Color
R_{YB}	213, 101, 75
Decimal	13984075
CIE _{Lab}	55.28, 44.18, 34.48
CIE _{LCh}	55, 56.036, 37.969
Yxy	23.2056, 0.5029, 0.3536
Android (android.graphics.Color)	4292174155 (0xFFD5614B)
YUV	129.1760, -26.7088, 73.5136
Hunter-Lab	48.1722, 37.9896, 22.1377

Details

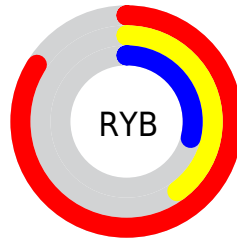
The YIQ color **129.1760, 76.1980, 17.7500** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **158.8240, -76.1980, -17.7500**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0180, 70.6510, 13.6510**, and **74.6960, 68.8620, 18.5420** is the 20% darker color. If you saturate the color by 10%, you get **116.2160, 87.8890, 20.6330**, and if you desaturate by 10%, it is **142.1360, 64.5070, 14.8670**.

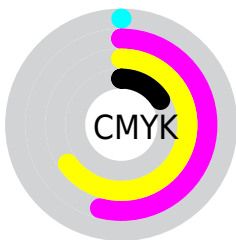
Distribution



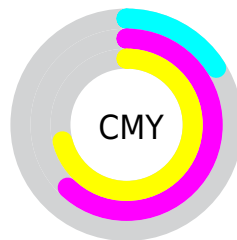
- Red (84%)
- Green (38%)
- Blue (29%)



- Red (84%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (54%)
- Yellow (65%)
- Black (16%)





- Cyan (16%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.1760, 76.1980, 17.7500 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 129.1760, 76.1980, 17.7500 by changing the saturation by 10% instead.


 129.1760, 76.1980,
17.7500

 129.1760, 76.1980,
17.7500


255.0000, -0.0000,
-0.0000

 102.3220, 72.8510,
17.8350


 178.4310, 70.9260,
14.1740


 74.6960, 68.8620,
18.5420


 197.9450, 54.5590,
7.9270


 45.2060, 67.4860,
21.4540


 217.3450, 38.5130,
1.3690

 28.1060, 56.0240,
19.9280

 237.5600, 21.5500,
-5.0900

 19.4350, 38.7400,
13.7800

 252.4920, 7.0620,
-6.8420

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,

0.0000

■ 129.1760, 76.1980,
17.7500

■ 129.1760, 76.1980,
17.7500

■ 116.2160, 87.8890,
20.6330

■ 142.1360, 64.5070,
14.8670

■ 103.1420, 99.9010,
23.2050

■ 155.2100, 52.4950,
12.2950

■ 90.1820, 111.5920,
26.0880

■ 168.1700, 40.8040,
9.4120

■ 83.6450, 117.5980,
27.3740

■ 181.1300, 29.1130,
6.5290

■ 194.2040, 17.1010,
3.9570

■ 207.1640, 5.4100,
1.0740

■ 219.5370, -6.0060,
-1.2860

■ 232.6110,
-18.0180, -3.8580

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



130.0560, 68.6290, 39.2930



129.1760, 76.1980, 17.7500



128.6250, 66.4830, -9.9410

Triad

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



129.1760, 76.1980, 17.7500



100.5270, -72.2490, -50.7850



118.8170, -82.3470, 11.1010

Complementary

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



129.1760, 76.1980, 17.7500



158.8240, -76.1980, -17.7500

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.



111.5970, -111.6870, -7.8390



129.1760, 76.1980, 17.7500



107.9880, -89.1240, -36.8040

Square

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



129.1760, 76.1980, 17.7500



119.2090, -0.7720, -41.0920



112.1720, -103.6610, -21.1410



135.8930, -8.4430, 37.3890

Rectangle

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



129.1760, 76.1980, 17.7500



126.0710, 52.8230, -26.7050



112.1720, -103.6610, -21.1410



107.8130, -112.0550, -1.1670

Sweetspot

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



129.1760, 76.1980, 17.7500



225.4610, 26.6830, 6.5150



129.6000, 44.6910, 65.6430



109.9050, 16.5050, 3.7450



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.



129.1760, 76.1980, 17.7500



134.2850, 109.8040, 25.4520



169.0920, 57.4980, -17.8140



100.4630, 6.0060, 1.2860



66.9780, 94.4910, 22.1310



16.9660, 23.7030, 5.4550

Inverse Universe

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



158.8240, -76.1980, -17.7500



176.7150, -109.8040, -25.4520



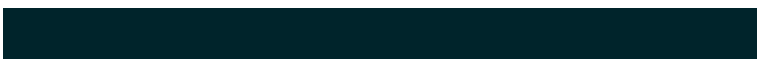
118.9080, -57.4980, 17.8140



102.5370, -6.0060, -1.2860



104.0220, -94.4910, -22.1310



26.0340, -23.7030, -5.4550

Previews

White Background



This preview shows how the YIQ color 129.1760, 76.1980, 17.7500 looks on a white background.

Color Contrast Check

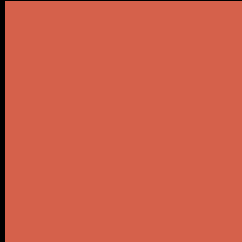
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.1760, 76.1980, 17.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

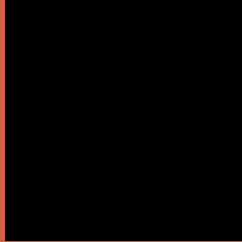
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.1760, 76.1980, 17.7500

Background



This preview shows how black text looks on a background with the YIQ color 129.1760, 76.1980, 17.7500.



This preview shows how white text looks on a background with the YIQ color 129.1760, 76.1980,

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

129.1760, 76.1980, 17.7500

Protanopia

131.1590, 21.0010, -11.6630

Deuteranopia

131.1520, 40.0740, -10.4060



Tritanopia

130.5640, 69.5940, 27.3060

Trichromacy



Original Color

129.1760, 76.1980, 17.7500

Protanomaly

130.4330, 41.0810, -1.1190

Deuteranomaly

130.3050, 53.1850, -0.2150

Tritanomaly

130.1250, 72.2080, 23.9840

Monochromacy



Original Color

129.1760, 76.1980, 17.7500

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9450, 28.1960, 6.6280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1760, 76.1980, 17.7500 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(213, 97, 75)` looks like.

```
.text, #text, p{  
    color:rgb(213, 97, 75)  
}
```

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(213, 97, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 97, 75) }
```

Border

The CSS property to change the border of an element to YIQ 129.1760, 76.1980, 17.7500 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(213, 97, 75) }
```


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

```
.border{ border-color:rgb(213, 97, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 97, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 97, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 97, 75);  
box-shadow:4px 4px 4px 4px rgb(213, 97,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1760, 76.1980, 17.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 97, 75) }
```

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

```
.background{ background-color: rgb(213, 97,  
75) }
```

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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