

Converting Colors

YIQ(127.7860, 77.1160, 12.1240)

Have a look what the booklet for
YIQ(127.7860, 77.1160, 12.1240)
contains.

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Color

**YIQ(127.7860, 77.1160,
12.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	D1633F
RGB	209, 99, 63
RGB Percent	82%, 39%, 25%
CMY	0.1802, 0.6119, 0.7526
CMYK	0.00, 0.53, 0.70, 0.18
HSL	15°, 61%, 53%
HSV	15°, 70%, 82%
XYZ	31.6688, 22.8390, 7.4543
YIQ	127.7860, 77.1160, 12.1240

Conversions

Conversions Part 2

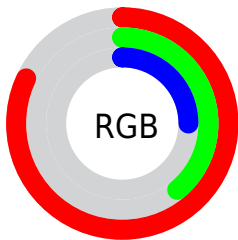
Format	Color
R_{YB}	209, 111, 63
Decimal	13722431
CIE _{Lab}	54.91, 41.00, 40.43
CIE _{LCh}	55, 57.585, 44.601
Yxy	22.8390, 0.5111, 0.3686
Android (android.graphics.Color)	4291912511 (0xFFD1633F)
YUV	127.7860, -31.9395, 71.2247
Hunter-Lab	47.7901, 34.6529, 24.2050

Details

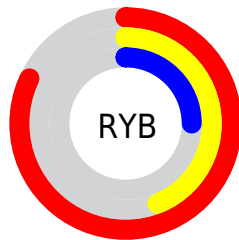
The YIQ color **127.7860, 77.1160, 12.1240** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **144.2140, -77.1160, -12.1240**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.2370, 74.2280, 9.3960**, and **74.3660, 69.5510, 11.5590** is the 20% darker color. If you saturate the color by 10%, you get **116.0000, 88.2570, 13.9610**, and if you desaturate by 10%, it is **139.5720, 65.9750, 10.2870**.

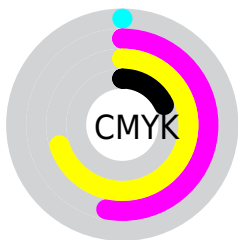
Distribution



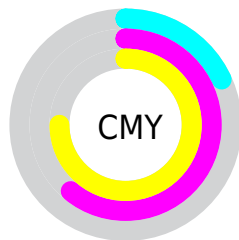
- Red (82%)
- Green (39%)
- Blue (25%)



- Red (82%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (70%)
- Black (18%)



- Cyan (18%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.7860, 77.1160, 12.1240 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 127.7860, 77.1160, 12.1240 by changing the saturation by 10% instead.

127.7860, 77.1160,
12.1240

127.7860, 77.1160,
12.1240

255.0000, -0.0000,
-0.0000

100.9320, 73.7690,
12.2090

178.2370, 74.2280,
9.3960

74.3660, 69.5510,
11.5590

197.6370, 58.1820,
2.8380

46.7340, 65.6990,
15.2910

217.1510, 41.8150,
-3.4090

26.9100, 53.6400,
19.0800

236.6650, 25.4480,
-9.6560

18.2390, 36.3560,
12.9320

251.0100, 11.2350,
-10.8850

9.9810, 19.3470,
7.3070

254.3160, 1.9260,

0.0000, 0.0000,

-1.8660

0.0000

■ 127.7860, 77.1160,
12.1240

■ 127.7860, 77.1160,
12.1240

■ 116.0000, 88.2570,
13.9610

■ 139.5720, 65.9750,
10.2870

■ 104.2140, 99.3980,
15.7980

■ 150.7710, 55.1090,
8.9730

■ 93.0150, 110.2640,
17.1120

■ 162.5570, 43.9680,
7.1360

■ 92.4280, 110.5390,
17.6350

■ 174.3430, 32.8270,
5.2990

■ 186.1290, 21.6860,
3.4620

■ 197.9150, 10.5450,
1.6250

■ 209.0000, 0.0000,
0.0000

■ 220.7860,
-11.1410, -1.8370

■ 232.5720,
-22.2820, -3.6740

Harmonies

Analogous

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



127.8130, 73.6270, 36.8190



127.7860, 77.1160, 12.1240



126.6260, 64.7420, -16.9380

Triad

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



127.7860, 77.1160, 12.1240



101.5530, -75.1380, -47.9860



124.7380, -62.7710, 19.7650

Complementary

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



127.7860, 77.1160, 12.1240



144.2140, -77.1160, -12.1240

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.



110.4060, -112.4670, -4.7150



127.7860, 77.1160, 12.1240



108.6550, -92.3800, -32.8600

Square

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



127.7860, 77.1160, 12.1240



115.8700, -13.0590, -44.1870



112.0240, -106.0000, -17.2960



135.2860, 3.7520, 42.1520

Rectangle

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



127.7860, 77.1160, 12.1240



123.5170, 48.3310, -33.4050



112.0240, -106.0000, -17.2960



105.5790, -111.2760, 1.2360

Sweetspot

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



127.7860, 77.1160, 12.1240



225.3640, 28.3340, 4.1260



119.4220, 51.0640, 65.7840



109.6770, 17.1470, 3.1230



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.



127.7860, 77.1160, 12.1240



135.5100, 113.2440, 18.1720



169.4630, 57.5910, -25.0090



99.0500, 5.7310, 0.7630



74.2990, 88.8530, 14.1730



18.1290, 21.6860, 3.4620

Inverse Universe

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



144.2140, -77.1160, -12.1240



159.9030, -112.9690, -17.6490



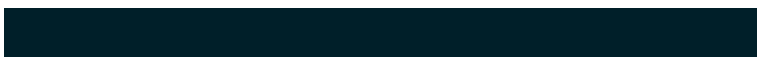
102.5370, -57.5910, 25.0090



99.9500, -5.7310, -0.7630



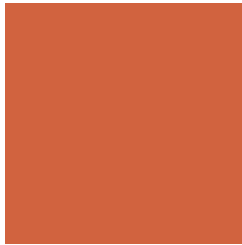
93.7010, -88.8530, -14.1730



22.8710, -21.6860, -3.4620

Previews

White Background



This preview shows how the YIQ color 127.7860, 77.1160, 12.1240 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 127.7860, 77.1160, 12.1240 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 127.7860, 77.1160, 12.1240

Background



This preview shows how black text looks on a background with the YIQ color 127.7860, 77.1160, 12.1240.



This preview shows how white text looks on a background with the YIQ color 127.7860, 77.1160,

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

127.7860, 77.1160, 12.1240

Protanopia

129.2750, 26.3660, -15.2820

Deuteranopia

128.9090, 45.0720, -12.8800



Tritanopia

129.7810, 67.4850, 26.9810

Trichromacy



Original Color

127.7860, 77.1160, 12.1240

Protanomaly

128.6520, 44.6580, -5.3740

Deuteranomaly

128.6380, 56.4410, -4.1590

Tritanomaly

129.0600, 70.8330, 21.3690

Monochromacy



Original Color

127.7860, 77.1160, 12.1240

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.4780, 28.0130, 4.4370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7860, 77.1160, 12.1240 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(209, 99, 63)` looks like.

```
.text, #text, p{  
    color:rgb(209, 99, 63)  
}
```

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(209, 99, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 99, 63) }
```

Border

The CSS property to change the border of an element to YIQ 127.7860, 77.1160, 12.1240 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(209, 99, 63) }
```


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

```
.border{ border-color:rgb(209, 99, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 99, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 99, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 99, 63);  
box-shadow:4px 4px 4px 4px rgb(209, 99,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7860, 77.1160, 12.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 99, 63) }
```

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

```
.background{ background-color: rgb(209, 99,  
63) }
```

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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