

Converting Colors

YIQ(129.6700, 107.2820,
27.1060)

Have a look what the booklet for
YIQ(129.6700, 107.2820, 27.1060)
contains.

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Color

**YIQ(129.6700, 107.2820,
27.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	F95339
RGB	249, 83, 57
RGB Percent	98%, 33%, 22%
CMY	0.0232, 0.6747, 0.7760
CMYK	0.00, 0.67, 0.77, 0.02
HSL	8°, 94%, 60%
HSV	8°, 77%, 98%
XYZ	42.9306, 26.6299, 6.7632
YIQ	129.6700, 107.2820, 27.1060

Conversions

Conversions Part 2

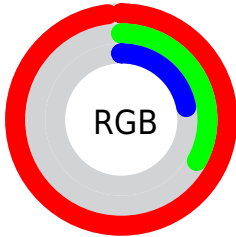
Format	Color
R_{YB}	249, 87, 57
Decimal	16339769
CIE _{Lab}	58.63, 61.95, 49.47
CIE _{LCh}	59, 79.275, 38.608
Yxy	26.6299, 0.5625, 0.3489
Android (android.graphics.Color)	4294529849 (0xFFFF95339)
YUV	129.6700, -35.8263, 104.6524
Hunter-Lab	51.6041, 58.1909, 28.3524

Details

The YIQ color **129.6700, 107.2820, 27.1060** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **176.3300, -107.2820, -27.1060**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **170.5090, 79.4540, 13.8060**, and **61.3250, 104.3000, 37.1000** is the 20% darker color. If you saturate the color by 10%, you get **113.9060, 121.3570, 30.8370**, and if you desaturate by 10%, it is **144.8470, 93.4820, 23.8980**.

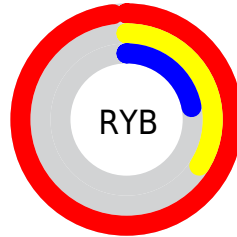
Distribution



Red (98%)

Green (33%)

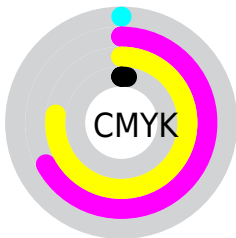
Blue (22%)



Red (98%)

Yellow (34%)

Blue (22%)

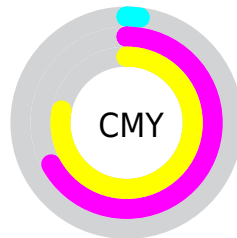


Cyan (0%)

Magenta (67%)

Yellow (77%)

Black (2%)



Cyan (2%)


Magenta (67%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.6700, 107.2820, 27.1060 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 129.6700, 107.2820, 27.1060 by changing the saturation by 10% instead.


 129.6700,
107.2820, 27.1060


 129.6700,
107.2820, 27.1060


255.0000, -0.0000,
-0.0000


 99.2830, 104.1180,
29.3820


 170.5090, 79.4540,
13.8060


 61.3250, 104.3000,
37.1000


 190.4960, 63.1330,
6.7250


 45.7470, 91.1880,
32.4360


 210.4830, 46.8120,
-0.3560

 36.1790, 72.1160,
25.6520

 230.6980, 29.8490,
-6.8150

 26.9100, 53.6400,
19.0800

 250.3260, 13.1610,
-12.7510

 18.8800, 35.9890,
14.0770

 253.5180, 4.1730,

 7.8880, 15.1750,

-4.0430

5.8230

■ 0.0000, 0.0000,
0.0000

■ 129.6700,
107.2820, 27.1060

■ 129.6700,
107.2820, 27.1060

■ 113.9060,
121.3570, 30.8370

■ 144.8470, 93.4820,
23.8980

■ 98.7290, 135.1570,
34.0450

■ 160.6110, 79.4070,
20.1670

■ 94.4090, 139.0540,
35.0060

■ 176.3750, 65.3320,
16.4360

■ 191.5520, 51.5320,
13.2280

■ 207.3160, 37.4570,
9.4970

222.4930, 23.6570,
6.2890

238.1430, 9.9030,
2.2470

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



122.0790, 97.3260, 64.3820



129.6700, 107.2820, 27.1060



132.6430, 92.4350, -17.7170

Triad

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



129.6700, 107.2820, 27.1060



108.5340, -74.1270, -60.8070



113.0110, -121.1800, 4.5160

Complementary

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



129.6700, 107.2820, 27.1060



176.3300, -107.2820, -27.1060

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.



124.1640, -126.4050, -5.4210



129.6700, 107.2820, 27.1060



118.6170, -98.3850, -39.6730

Square

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



129.6700, 107.2820, 27.1060



115.7470, -0.4920, -68.2040



125.6680, -119.6170, -18.3130



143.9920, -12.4350, 54.6770

Rectangle

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



129.6700, 107.2820, 27.1060



132.1460, 65.4330, -34.9750



125.6680, -119.6170, -18.3130



117.7070, -123.3800, 0.3320

Sweetspot

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



129.6700, 107.2820, 27.1060



218.3370, 32.9640, 8.3240



133.3320, 61.1460, 92.3300



105.6990, 20.0810, 5.0170



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.



129.6700, 107.2820, 27.1060



109.0490, 131.2600, 33.0840



186.0220, 80.8820, -23.1020



117.0610, 7.1980, 1.7100



71.1860, 105.7690, 26.9930



22.9350, 34.1560, 8.7480

Inverse Universe

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



176.3300, -107.2820, -27.1060



165.9510, -131.2600, -33.0840



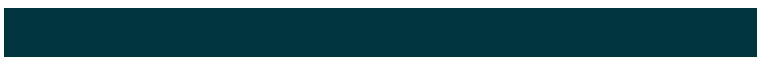
120.5650, -81.1570, 22.5790



119.9390, -7.1980, -1.7100



117.2270, -105.4940, -26.4700



38.0650, -34.1560, -8.7480

Previews

White Background



This preview shows how the YIQ color 129.6700, 107.2820, 27.1060 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 129.6700, 107.2820, 27.1060 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 129.6700, 107.2820, 27.1060

Background



This preview shows how black text looks on a background with the YIQ color 129.6700, 107.2820, 27.1060.



This preview shows how white text looks on a background with the YIQ color 129.6700, 107.2820,

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

129.6700, 107.2820, 27.1060

Protanopia

137.9610, 30.1260, -17.3460

Deuteranopia

136.7110, 54.1970, -18.5630



Tritanopia

131.2860, 100.0360, 37.2840

Trichromacy



Original Color

129.6700, 107.2820, 27.1060

Protanomaly

135.0020, 58.4120, -1.3320

Deuteranomaly

133.7880, 73.6340, -1.8700

Tritanomaly

130.7330, 102.9710, 33.6510

Monochromacy



Original Color

129.6700, 107.2820, 27.1060

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8000, 38.9700, 9.6100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.6700, 107.2820, 27.1060 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(249, 83, 57)` looks like.

```
.text, #text, p{  
    color:rgb(249, 83, 57)  
}
```

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(249, 83, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 83, 57) }
```

Border

The CSS property to change the border of an element to YIQ 129.6700, 107.2820, 27.1060 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(249, 83, 57) }
```


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

```
.border{ border-color:rgb(249, 83, 57) }
```

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

Here you see how a box with a 4 pixel rgb(249, 83, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 83, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 83, 57);  
box-shadow:4px 4px 4px 4px rgb(249, 83,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 129.6700, 107.2820, 27.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 83, 57) }
```

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

```
.background{ background-color: rgb(249, 83,  
57) }
```

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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