

Converting Colors

YIQ(117.5570, 115.0300,
29.8620)

Have a look what the booklet for
YIQ(117.5570, 115.0300, 29.8620)
contains.

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Color

**YIQ(117.5570, 115.0300,
29.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	F64329
RGB	246, 67, 41
RGB Percent	96%, 26%, 16%
CMY	0.0349, 0.7375, 0.8387
CMYK	0.00, 0.73, 0.83, 0.03
HSL	8°, 92%, 56%
HSV	8°, 83%, 97%
XYZ	40.4477, 23.7780, 4.5667
YIQ	117.5570, 115.0300, 29.8620

Conversions

Conversions Part 2

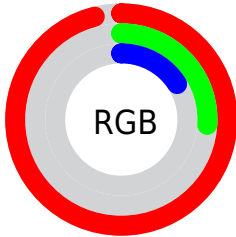
Format	Color
R_{YB}	246, 71, 41
Decimal	16139049
CIE _{Lab}	55.86, 66.32, 54.42
CIE _{LCh}	56, 85.791, 39.367
Yxy	23.7780, 0.5880, 0.3456
Android (android.graphics.Color)	4294329129 (0xFFFF64329)
YUV	117.5570, -37.7426, 112.6445
Hunter-Lab	48.7627, 62.7275, 28.5813

Details

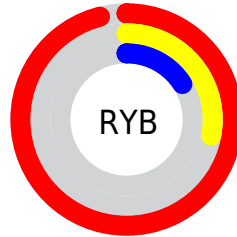
The YIQ color **117.5570, 115.0300, 29.8620** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **169.4430, -115.0300, -29.8620**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **160.4670, 88.4400, 16.1520**, and **54.1190, 107.8760, 38.3720** is the 20% darker color. If you saturate the color by 10%, you get **101.9070, 128.7840, 33.9040**, and if you desaturate by 10%, it is **132.7340, 101.2300, 26.6540**.

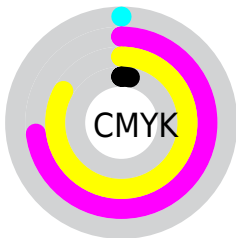
Distribution



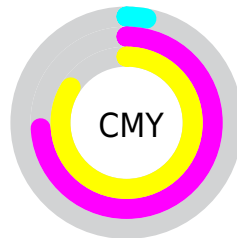
- Red (96%)
- Green (26%)
- Blue (16%)



- Red (96%)
- Yellow (28%)
- Blue (16%)



- Cyan (0%)
- Magenta (73%)
- Yellow (83%)
- Black (3%)





- Cyan (3%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.5570, 115.0300, 29.8620 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 117.5570, 115.0300, 29.8620 by changing the saturation by 10% instead.


 117.5570,
115.0300, 29.8620

 117.5570,
115.0300, 29.8620


255.0000, -0.0000,
-0.0000


 83.7080, 113.2870,
33.9190


 160.4670, 88.4400,
16.1520


 54.1190, 107.8760,
38.3720


 180.3400, 72.4400,
8.7600


 44.2520, 88.2080,
31.3760


 200.4410, 55.7980,
1.9900

 34.9830, 69.7320,
24.8040

 221.0150, 39.2020,
-5.6140

 25.8280, 50.9350,
18.5430

 241.8170, 21.9640,
-12.5960

 16.9720, 32.7340,
12.4940

 251.4660, 9.9510,

 4.1860, 8.3440,

-9.6410

2.9680

254.7720, 0.6420,
-0.6220

■ 0.0000, 0.0000,
0.0000

■ 117.5570,
115.0300, 29.8620

■ 117.5570,
115.0300, 29.8620

■ 101.9070,
128.7840, 33.9040

■ 132.7340,
101.2300, 26.6540

■ 91.7510, 138.0910,
35.9390

■ 148.3840, 87.4760,
22.6120

■ 163.5610, 73.6760,
19.4040

■ 179.3250, 59.6010,
15.6730

■ 194.3880, 46.1220,
12.1540

210.1520, 32.0470,
8.4230

225.8020, 18.2930,
4.3810

240.9790, 4.4930,
1.1730

252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



92.1760, 114.0110, 86.8990



117.5570, 115.0300, 29.8620



125.2670, 90.7380, -14.4940

Triad

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



117.5570, 115.0300, 29.8620



103.8720, -69.2670, -60.7790



108.9020, -119.2550, 8.1770

Complementary

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



117.5570, 115.0300, 29.8620



169.4430, -115.0300, -29.8620

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.



120.6420, -124.7550, -2.2830



117.5570, 115.0300, 29.8620



114.6390, -95.4510, -37.7790

Square

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



117.5570, 115.0300, 29.8620



105.3480, -12.5500, -69.9420



122.2600, -118.2880, -14.8640



136.0400, -12.3900, 59.3700

Rectangle

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



117.5570, 115.0300, 29.8620



125.9330, 61.7190, -33.7450



122.2600, -118.2880, -14.8640



114.1850, -121.7300, 3.4700

Sweetspot

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



117.5570, 115.0300, 29.8620



214.8320, 35.9440, 9.3840



122.9290, 64.0790, 99.7510



103.5960, 21.8690, 5.6530



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.



117.5570, 115.0300, 29.8620



95.0290, 143.1800, 37.3240



176.8440, 87.2550, -22.9610



114.7620, 6.6020, 1.4980



69.1150, 104.5310, 27.4030



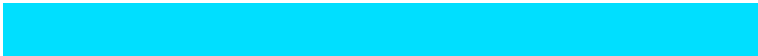
21.7500, 33.2390, 8.8470

Inverse Universe

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



169.4430, -115.0300, -29.8620



159.9710, -143.1800, -37.3240



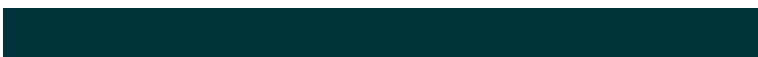
110.7430, -87.5300, 22.4380



117.8250, -6.8770, -2.0210



116.8850, -104.5310, -27.4030



36.6630, -32.9640, -8.3240

Previews

White Background



This preview shows how the YIQ color 117.5570, 115.0300, 29.8620 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 117.5570, 115.0300, 29.8620 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 117.5570, 115.0300, 29.8620

Background



This preview shows how black text looks on a background with the YIQ color 117.5570, 115.0300, 29.8620.



This preview shows how white text looks on a background with the YIQ color 117.5570, 115.0300,

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

117.5570, 115.0300, 29.8620

Protanopia

129.9350, 33.0150, -20.1450

Deuteranopia

127.5450, 60.2960, -24.4720



Tritanopia

118.9450, 108.4260, 39.4180

Trichromacy



Original Color

117.5570, 115.0300, 29.8620

Protanomaly

125.5140, 62.7220, -2.3500

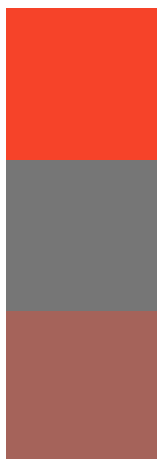
Deuteranomaly

123.9150, 80.4660, -4.5420

Tritanomaly

118.5060, 111.0400, 36.0960

Monochromacy



Original Color

117.5570, 115.0300, 29.8620

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.7080, 42.2250, 11.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.5570, 115.0300, 29.8620 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(246, 67, 41)` looks like.

```
.text, #text, p{  
    color:rgb(246, 67, 41)  
}
```

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(246, 67, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 67, 41) }
```

Border

The CSS property to change the border of an element to YIQ 117.5570, 115.0300, 29.8620 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(246, 67, 41) }
```


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

```
.border{ border-color:rgb(246, 67, 41) }
```

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

Here you see how a box with a 4 pixel rgb(246, 67, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 67, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 67, 41);  
box-shadow:4px 4px 4px 4px rgb(246, 67,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 117.5570, 115.0300, 29.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 67, 41) }
```

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

```
.background{ background-color: rgb(246, 67,  
41) }
```

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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