

Converting Colors

YIQ(111.0290, 116.8170,
36.0250)

Have a look what the booklet for
YIQ(111.0290, 116.8170, 36.0250)
contains.

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Color

**YIQ(111.0290, 116.8170,
36.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	F5382B
RGB	245, 56, 43
RGB Percent	96%, 22%, 17%
CMY	0.0388, 0.7806, 0.8309
CMYK	0.00, 0.77, 0.82, 0.04
HSL	4°, 91%, 57%
HSV	4°, 82%, 96%
XYZ	39.5441, 22.4287, 4.5421
YIQ	111.0290, 116.8170, 36.0250

Conversions

Conversions Part 2

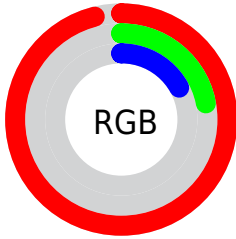
Format	Color
R_{YB}	245, 57, 43
Decimal	16070699
CIE _{Lab}	54.48, 69.48, 52.15
CIE _{LCh}	54, 86.873, 36.893
Yxy	22.4287, 0.5945, 0.3372
Android (android.graphics.Color)	4294260779 (0xFFFF5382B)
YUV	111.0290, -33.5383, 117.4926
Hunter-Lab	47.3589, 66.1670, 27.4649

Details

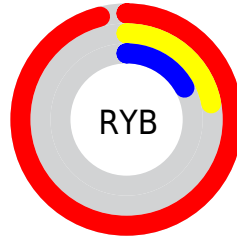
The YIQ color **111.0290, 116.8170, 36.0250** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **176.9710, -116.8170, -36.0250**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8850, 90.3190, 20.6470**, and **53.5210, 106.6840, 37.9480** is the 20% darker color. If you saturate the color by 10%, you get **94.7920, 130.8460, 40.5900**, and if you desaturate by 10%, it is **127.3800, 102.4670, 31.7710**.

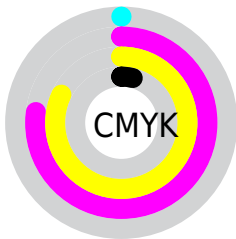
Distribution



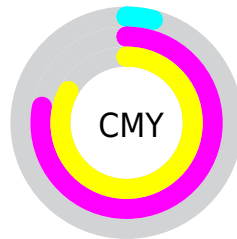
- Red (96%)
- Green (22%)
- Blue (17%)



- Red (96%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (77%)
- Yellow (82%)
- Black (4%)





- Cyan (4%)
- Magenta (78%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.0290, 116.8170, 36.0250 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 111.0290, 116.8170, 36.0250 by changing the saturation by 10% instead.


 111.0290,
116.8170, 36.0250


 111.0290,
116.8170, 36.0250


255.0000, -0.0000,
-0.0000


 68.4890, 118.8780,
48.2380


 155.8850, 90.3190,
20.6470


 53.8200, 107.2800,
38.1600


 175.8720, 73.9980,
13.5660


 43.9530, 87.6120,
31.1640


 196.4460, 57.4020,
5.9620

 34.3850, 68.5400,
24.3800

 216.5470, 40.7600,
-0.8080

 25.3440, 49.4220,
18.4300

 237.2350, 23.8430,
-8.1010

 16.3740, 31.5420,
12.0700

 251.5800, 9.6300,

 2.0930, 4.1720,

-9.3300

1.4840

254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 111.0290,
116.8170, 36.0250

■ 111.0290,
116.8170, 36.0250

■ 94.7920, 130.8460,
40.5900

■ 127.3800,
102.4670, 31.7710


■ 82.6470, 141.6200,
43.5720


■ 143.6170, 88.4380,
27.2060


■ 159.9680, 74.0880,
22.9520


■ 176.2050, 60.0590,
18.3870

■ 192.5560, 45.7090,
14.1330

 208.7930, 31.6800,
9.5680

 225.1440, 17.3300,
5.3140

 241.3810, 3.3010,
0.7490

 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



89.5830, 114.4230, 90.4470



111.0290, 116.8170, 36.0250



121.4570, 93.2590, -10.6210

Triad

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



111.0290, 116.8170, 36.0250



100.2700, -64.6360, -62.1080



108.3150, -118.9800, 8.7000

Complementary

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



111.0290, 116.8170, 36.0250



176.9710, -116.8170, -36.0250

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.



119.4680, -124.2050, -1.2370



111.0290, 116.8170, 36.0250



111.1510, -91.1410, -38.7970

Square

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



111.0290, 116.8170, 36.0250



104.4950, -8.4700, -66.7900



119.5870, -114.8950, -15.7830



131.3810, -20.7800, 57.2360

Rectangle

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



111.0290, 116.8170, 36.0250



122.7100, 63.9650, -30.3950



119.5870, -114.8950, -15.7830



113.0110, -121.1800, 4.5160

Sweetspot

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



111.0290, 116.8170, 36.0250



212.4840, 37.0440, 11.4760



125.2860, 58.7600, 102.5360



102.4220, 22.4190, 6.6990



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.



111.0290, 116.8170, 36.0250



87.7400, 145.7920, 45.0560



168.5550, 89.8670, -15.2290



114.1750, 6.8770, 2.0210



62.6580, 107.5560, 33.1560



19.9890, 34.0640, 10.4160

Inverse Universe

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



176.9710, -116.8170, -36.0250



170.2600, -145.7920, -45.0560



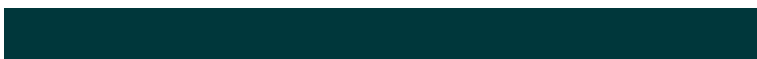
119.4450, -89.8670, 15.2290



118.4120, -7.1520, -2.5440



123.3420, -107.5560, -33.1560



39.0110, -34.0640, -10.4160

Previews

White Background



This preview shows how the YIQ color 111.0290, 116.8170, 36.0250 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 111.0290, 116.8170, 36.0250 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 111.0290, 116.8170, 36.0250

Background



This preview shows how black text looks on a background with the YIQ color 111.0290, 116.8170, 36.0250.



This preview shows how white text looks on a background with the YIQ color 111.0290, 116.8170,

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

111.0290, 116.8170, 36.0250

Protanopia

127.4340, 30.1720, -18.1800

Deuteranopia

124.6310, 57.1780, -23.0300



Tritanopia

111.2230, 113.5150, 40.8030

Trichromacy



Original Color

111.0290, 116.8170, 36.0250

Protanomaly

121.5510, 61.3000, 1.3960

Deuteranomaly

119.5390, 78.7690, -1.3190

Tritanomaly

111.3540, 114.5240, 39.0360

Monochromacy



Original Color

111.0290, 116.8170, 36.0250

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0610, 42.7290, 13.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0290, 116.8170, 36.0250 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(245, 56, 43)` looks like.

```
.text, #text, p{  
    color:rgb(245, 56, 43)  
}
```

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(245, 56, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 56, 43) }
```

Border

The CSS property to change the border of an element to YIQ 111.0290, 116.8170, 36.0250 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(245, 56, 43) }
```


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

```
.border{ border-color:rgb(245, 56, 43) }
```

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

Here you see how a box with a 4 pixel rgb(245, 56, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 56, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 56, 43);  
box-shadow:4px 4px 4px 4px rgb(245, 56,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0290, 116.8170, 36.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 56, 43) }
```

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

```
.background{ background-color: rgb(245, 56,  
43) }
```

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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