

Converting Colors

YIQ(113.9270, 116.8640,
29.6640)

Have a look what the booklet for
YIQ(113.9270, 116.8640, 29.6640)
contains.

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Color

**YIQ(113.9270, 116.8640,
29.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	F43F23
RGB	244, 63, 35
RGB Percent	96%, 25%, 14%
CMY	0.0427, 0.7532, 0.8623
CMYK	0.00, 0.74, 0.86, 0.04
HSL	8°, 91%, 55%
HSV	8°, 86%, 96%
XYZ	39.4233, 22.9206, 3.9460
YIQ	113.9270, 116.8640, 29.6640

Conversions

Conversions Part 2

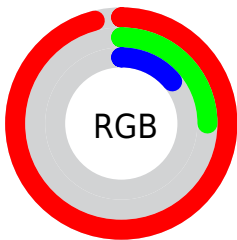
Format	Color
R_{YB}	244, 67, 35
Decimal	16006947
CIE _{Lab}	54.99, 66.89, 56.21
CIE _{LCh}	55, 87.374, 40.042
Yxy	22.9206, 0.5947, 0.3458
Android (android.graphics.Color)	4294197027 (0xFFFF43F23)
YUV	113.9270, -38.9110, 114.0740
Hunter-Lab	47.8755, 63.2046, 28.6260

Details

The YIQ color **113.9270, 116.8640, 29.6640** 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 **165.0730, -116.8640, -29.6640**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0220, 91.1910, 15.8550**, and **53.5210, 106.6840, 37.9480** is the 20% darker color. If you saturate the color by 10%, you get **98.8640, 130.3430, 33.1830**, and if you desaturate by 10%, it is **129.1040, 103.0640, 26.4560**.

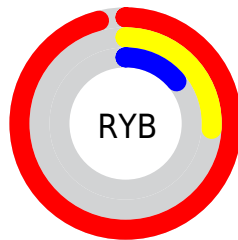
Distribution



Red (96%)

Green (25%)

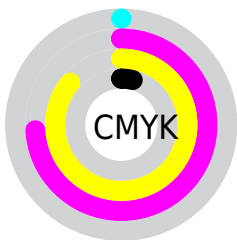
Blue (14%)



Red (96%)

Yellow (26%)

Blue (14%)

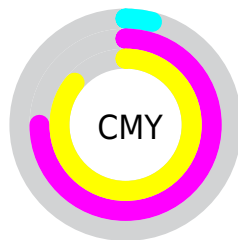


Cyan (0%)

Magenta (74%)

Yellow (86%)

Black (4%)



Cyan (4%)

Magenta (75%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.9270, 116.8640, 29.6640 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 113.9270, 116.8640, 29.6640 by changing the saturation by 10% instead.


 113.9270,
116.8640, 29.6640


 113.9270,
116.8640, 29.6640


255.0000, -0.0000,
-0.0000


 78.0890, 116.5880,
34.6680


 158.0220, 91.1910,
15.8550


 53.5210, 106.6840,
37.9480


 178.0090, 74.8700,
8.7740


 43.6540, 87.0160,
30.9520


 197.9960, 58.5490,
1.6930

 34.0860, 67.9440,
24.1680

 218.0970, 41.9070,
-5.0770

 25.0450, 48.8260,
18.2180

 238.7850, 24.9900,
-12.3700

 16.3740, 31.5420,
12.0700

 250.7820, 11.8770,

 1.7940, 3.5760,

-11.5070

1.2720

254.0880, 2.5680,
-2.4880

0.0000, 0.0000,
0.0000

113.9270,
116.8640, 29.6640

113.9270,
116.8640, 29.6640

98.8640, 130.3430,
33.1830

129.1040,
103.0640, 26.4560

91.7400, 136.6240,
34.9920

144.1670, 89.5850,
22.9370

159.2300, 76.1060,
19.4180

174.9940, 62.0310,
15.6870

190.0570, 48.5520,
12.1680

205.2340, 34.7520,
8.9600

220.2970, 21.2730,
5.4410

235.3600, 7.7940,
1.9220

250.5370, -6.0060,
-1.2860

Harmonies

Analogous

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



88.7850, 116.6700, 88.2700



113.9270, 116.8640, 29.6640



123.1960, 89.5000, -14.0840

Triad

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



113.9270, 116.8640, 29.6640



102.5840, -68.3960, -60.0440



107.7280, -118.7050, 9.2230

Complementary

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



113.9270, 116.8640, 29.6640



165.0730, -116.8640, -29.6640

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



113.9270, 116.8640, 29.6640



113.4650, -94.9010, -36.7330

Square

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



113.9270, 116.8640, 29.6640



100.8850, -18.5560, -71.2280



121.0860, -117.7380, -13.8180



132.8770, -10.3730, 61.3630

Rectangle

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



113.9270, 116.8640, 29.6640



123.5630, 59.8850, -33.5470



121.0860, -117.7380, -13.8180



112.4240, -120.9050, 5.0390

Sweetspot

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



113.9270, 116.8640, 29.6640



214.0170, 36.8610, 9.2850



118.5810, 65.1790, 101.8430



102.8950, 22.4650, 5.8650



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.



113.9270, 116.8640, 29.6640



96.2030, 142.6300, 36.2780



173.2140, 89.0890, -23.1590



114.7620, 6.6020, 1.4980



70.2890, 103.9810, 26.3570



22.3370, 32.9640, 8.3240

Inverse Universe

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



165.0730, -116.8640, -29.6640



158.7970, -142.6300, -36.2780



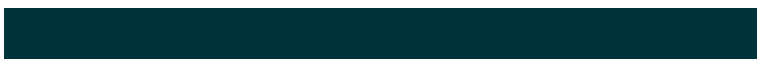
105.7860, -89.0890, 23.1590



117.8250, -6.8770, -2.0210



115.7110, -103.9810, -26.3570



36.6630, -32.9640, -8.3240

Previews

White Background



This preview shows how the YIQ color 113.9270, 116.8640, 29.6640 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 113.9270, 116.8640, 29.6640 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 113.9270, 116.8640, 29.6640

Background



This preview shows how black text looks on a background with the YIQ color 113.9270, 116.8640, 29.6640.



This preview shows how white text looks on a background with the YIQ color 113.9270, 116.8640,

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

113.9270, 116.8640, 29.6640

Protanopia

127.3650, 34.6200, -21.7000

Deuteranopia

123.3080, 65.1570, -29.9710



Tritanopia

115.5430, 109.6180, 39.8420

Trichromacy



Original Color

113.9270, 116.8640, 29.6640

Protanomaly

122.4710, 64.2810, -3.0710

Deuteranomaly

119.6610, 83.9970, -7.9630

Tritanomaly

114.9900, 112.5530, 36.2090

Monochromacy



Original Color

113.9270, 116.8640, 29.6640

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.5940, 42.5460, 10.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9270, 116.8640, 29.6640 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(244, 63, 35)` looks like.

```
.text, #text, p{  
    color:rgb(244, 63, 35)  
}
```

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(244, 63, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 63, 35) }
```

Border

The CSS property to change the border of an element to YIQ 113.9270, 116.8640, 29.6640 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(244, 63, 35) }
```


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

```
.border{ border-color:rgb(244, 63, 35) }
```

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

Here you see how a box with a 4 pixel rgb(244, 63, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 63, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 63, 35);  
box-shadow:4px 4px 4px 4px rgb(244, 63,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9270, 116.8640, 29.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 63, 35) }
```

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

```
.background{ background-color: rgb(244, 63,  
35) }
```

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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