

Converting Colors

YIQ(117.4440, 122.7780,
32.6180)

Have a look what the booklet for
YIQ(117.4440, 122.7780, 32.6180)
contains.

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Color

**YIQ(117.4440, 122.7780,
32.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F25
RGB	255, 63, 37
RGB Percent	100%, 25%, 15%
CMY	0.0000, 0.7532, 0.8544
CMYK	0.00, 0.75, 0.85, 0.00
HSL	7°, 100%, 57%
HSV	7°, 85%, 100%
XYZ	43.3490, 24.9405, 4.2902
YIQ	117.4440, 122.7780, 32.6180

Conversions

Conversions Part 2

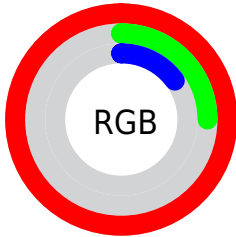
Format	Color
R_{YB}	255, 67, 37
Decimal	16727845
CIE _{Lab}	57.02, 70.14, 57.84
CIE _{LCh}	57, 90.912, 39.507
Yxy	24.9405, 0.5973, 0.3436
Android (android.graphics.Color)	4294917925 (0xFFFF3F25)
YUV	117.4440, -39.6589, 120.6366
Hunter-Lab	49.9404, 67.5448, 29.8649

Details

The YIQ color **117.4440, 122.7780, 32.6180** 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 **174.5560, -122.7780, -32.6180**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **158.8370, 90.2740, 15.9540**, and **56.5110, 112.6440, 40.0680** is the 20% darker color. If you saturate the color by 10%, you get **101.0930, 137.1280, 36.8720**, and if you desaturate by 10%, it is **133.3220, 108.3820, 29.1980**.

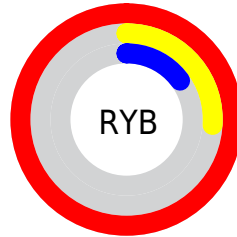
Distribution



Red (100%)

Green (25%)

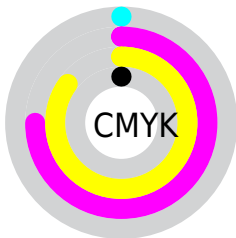
Blue (15%)



Red (100%)

Yellow (26%)

Blue (15%)

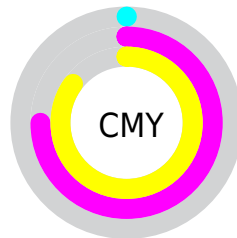


Cyan (0%)

Magenta (75%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.4440, 122.7780, 32.6180 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 117.4440, 122.7780, 32.6180 by changing the saturation by 10% instead.


 117.4440,
122.7780, 32.6180


 117.4440,
122.7780, 32.6180


255.0000, -0.0000,
-0.0000


 79.8450, 123.3270,
39.1910


 158.9510, 89.9530,
16.2650


 56.5110, 112.6440,
40.0680


 179.4110, 73.6780,
8.3500


 46.6440, 92.9760,
33.0720


 199.3980, 57.3570,
1.2690

 37.0760, 73.9040,
26.2880

 220.0860, 40.4400,
-6.0240

 27.7360, 54.1900,
20.1260

 240.8880, 23.2020,
-13.0060

 19.1790, 36.5850,
14.2890

 251.1240, 10.9140,

 8.1870, 15.7710,

-10.5740

6.0350

254.4300, 1.6050,
-1.5550

0.0000, 0.0000,
0.0000

117.4440,
122.7780, 32.6180

117.4440,
122.7780, 32.6180

101.0930,
137.1280, 36.8720

133.3220,
108.3820, 29.1980

93.8550, 143.7300,
38.3700

149.6730, 94.0320,
24.9440

165.5510, 79.6360,
21.5240

181.9020, 65.2860,
17.2700

197.7800, 50.8900,
13.8500

214.1310, 36.5400,
9.5960

230.0090, 22.1440,
6.1760

246.3600, 7.7940,
1.9220

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



89.4690, 114.7440, 90.1360



117.4440, 122.7780, 32.6180



128.2350, 93.7640, -14.2680

Triad

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



117.4440, 122.7780, 32.6180



106.2200, -70.3670, -62.8710



111.2500, -120.3550, 6.0850

Complementary

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



117.4440, 122.7780, 32.6180



174.5560, -122.7780, -32.6180

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.



123.5770, -126.1300, -4.8980



117.4440, 122.7780, 32.6180



118.1440, -98.4310, -38.8390

Square

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



117.4440, 122.7780, 32.6180



105.0050, -19.0140, -73.9420



126.2210, -122.5520, -14.6800



137.9910, -10.6940, 61.6740

Rectangle

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



117.4440, 122.7780, 32.6180



128.5910, 62.6820, -34.6780



126.2210, -122.5520, -14.6800



115.9460, -122.5550, 1.9010

Sweetspot

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



117.4440, 122.7780, 32.6180



213.4300, 37.1360, 9.8080



124.1840, 67.9750, 106.2390



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.



117.4440, 122.7780, 32.6180



93.8550, 143.7300, 38.3700



180.8400, 93.0780, -23.8660



119.4740, 7.4730, 2.2330



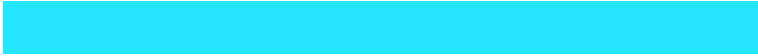
70.6100, 107.5110, 28.4630



23.8320, 35.9440, 9.3840

Inverse Universe

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



174.5560, -122.7780, -32.6180



161.1450, -143.7300, -38.3700



111.1600, -93.0780, 23.8660



122.9390, -7.1980, -1.7100



120.9770, -107.7860, -28.9860



40.1680, -35.9440, -9.3840

Previews

White Background



This preview shows how the YIQ color 117.4440, 122.7780, 32.6180 looks on a white background.

Color Contrast Check

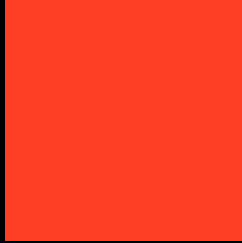
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4440, 122.7780, 32.6180 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 117.4440, 122.7780, 32.6180

Background



This preview shows how black text looks on a background with the YIQ color 117.4440, 122.7780, 32.6180.



This preview shows how white text looks on a background with the YIQ color 117.4440, 122.7780,

32.6180.

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

117.4440, 122.7780, 32.6180

Protanopia

132.5500, 35.5370, -21.7990

Deuteranopia

128.0370, 67.3580, -31.3140



Tritanopia

119.1200, 115.3030, 41.4390

Trichromacy



Original Color

117.4440, 122.7780, 32.6180

Protanomaly

126.9660, 67.2610, -2.0110

Deuteranomaly

124.5150, 87.3440, -8.0480

Tritanomaly

118.6810, 117.9170, 38.1170

Monochromacy



Original Color

117.4440, 122.7780, 32.6180

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.9040, 44.6090, 12.0410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4440, 122.7780, 32.6180 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(255, 63, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 37)  
}
```

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(255, 63, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 37) }
```

Border

The CSS property to change the border of an element to YIQ 117.4440, 122.7780, 32.6180 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(255, 63, 37) }
```


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

```
.border{ border-color:rgb(255, 63, 37) }
```

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

Here you see how a box with a 4 pixel rgb(255, 63, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4440, 122.7780, 32.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 37) }
```

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

```
.background{ background-color: rgb(255, 63,  
37) }
```

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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