

Converting Colors

YIQ(113.6260, 110.5820,
33.3820)

Have a look what the booklet for
YIQ(113.6260, 110.5820, 33.3820)
contains.

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Color

**YIQ(113.6260, 110.5820,
33.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	F03E30
RGB	240, 62, 48
RGB Percent	94%, 24%, 19%
CMY	0.0584, 0.7571, 0.8113
CMYK	0.00, 0.74, 0.80, 0.06
HSL	4°, 87%, 57%
HSV	4°, 80%, 94%
XYZ	38.2255, 22.1952, 5.0781
YIQ	113.6260, 110.5820, 33.3820

Conversions

Conversions Part 2

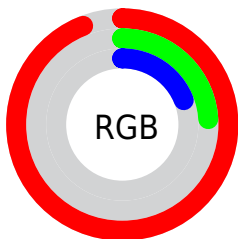
Format	Color
R_{YB}	240, 63, 48
Decimal	15744560
CIE _{Lab}	54.23, 66.34, 49.10
CIE _{LCh}	54, 82.534, 36.507
Yxy	22.1952, 0.5836, 0.3389
Android (android.graphics.Color)	4293934640 (0xFFFF03E30)
YUV	113.6260, -32.3536, 110.8300
Hunter-Lab	47.1118, 62.3854, 26.5875

Details

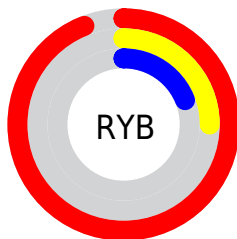
The YIQ color **113.6260, 110.5820, 33.3820** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **174.3740, -110.5820, -33.3820**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8030, 87.6140, 20.1100**, and **52.4390, 103.9790, 37.4110** is the 20% darker color. If you saturate the color by 10%, you get **97.9760, 124.3360, 37.4240**, and if you desaturate by 10%, it is **129.2760, 96.8280, 29.3400**.

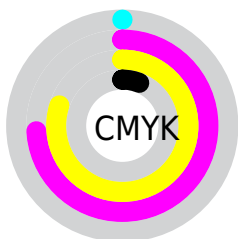
Distribution



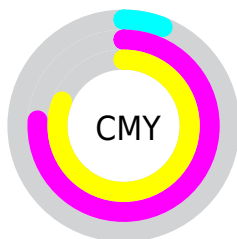
- Red (94%)
- Green (24%)
- Blue (19%)



- Red (94%)
- Yellow (25%)
- Blue (19%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (6%)





- Cyan (6%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.6260, 110.5820, 33.3820 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 113.6260, 110.5820, 33.3820 by changing the saturation by 10% instead.


 113.6260,
110.5820, 33.3820

 113.6260,
110.5820, 33.3820


255.0000, -0.0000,
-0.0000


 78.2440, 109.0220,
39.6300


 158.8030, 87.6140,
20.1100


 52.4390, 103.9790,
37.4110

 178.7900, 71.2930,
13.0290


 42.7570, 85.2280,
30.3160

 198.7770, 54.9720,
5.9480

 33.1890, 66.1560,
23.5320

 218.8780, 38.3300,
-0.8220

 24.4470, 47.6340,
17.7940

 239.5660, 21.4130,
-8.1150

 15.4770, 29.7540,
11.4340

 252.2640, 7.7040,

 0.0000, 0.0000,

-7.4640

0.0000

■ 113.6260,
110.5820, 33.3820

■ 113.6260,
110.5820, 33.3820

■ 97.9760, 124.3360,
37.4240

■ 129.2760, 96.8280,
29.3400

■ 81.7390, 138.3650,
41.9890

■ 145.5130, 82.7990,
24.7750

■ 161.1630, 69.0450,
20.7330

■ 176.8130, 55.2910,
16.6910

■ 192.4630, 41.5370,
12.6490

■ 208.7000, 27.5080,
8.0840

224.3500, 13.7540,
4.0420

240.0000, -0.0000,
-0.0000

250.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



97.3060, 107.5930, 82.0650



113.6260, 110.5820, 33.3820



121.1470, 91.1960, -11.7800

Triad

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



113.6260, 110.5820, 33.3820



99.3240, -64.7280, -60.4400



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.



113.6260, 110.5820, 33.3820



174.3740, -110.5820, -33.3820

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.



118.2940, -123.6550, -0.1910



113.6260, 110.5820, 33.3820



110.3360, -90.2240, -38.8960

Square

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



113.6260, 110.5820, 33.3820



105.7130, -3.1520, -64.0480



117.7290, -112.4190, -16.6030



131.2730, -20.5960, 53.9000

Rectangle

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



113.6260, 110.5820, 33.3820



121.8240, 63.6440, -30.0840



117.7290, -112.4190, -16.6030



112.4240, -120.9050, 5.0390

Sweetspot

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



113.6260, 110.5820, 33.3820



214.5870, 35.2560, 10.8400



125.8140, 56.9730, 96.3730



103.2370, 21.5020, 6.7980



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.



113.6260, 110.5820, 33.3820



93.8210, 141.0700, 42.5260



169.3910, 84.4570, -16.3030



112.1750, 6.8770, 2.0210



62.6470, 106.0890, 32.2090



19.0920, 32.2760, 9.7800

Inverse Universe

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



174.3740, -110.5820, -33.3820



171.1790, -141.0700, -42.5260



118.6090, -84.4570, 16.3030



115.8250, -6.8770, -2.0210



120.7660, -105.8140, -31.6860



36.9080, -32.2760, -9.7800

Previews

White Background



This preview shows how the YIQ color 113.6260, 110.5820, 33.3820 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 113.6260, 110.5820, 33.3820 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 113.6260, 110.5820, 33.3820

Background



This preview shows how black text looks on a background with the YIQ color 113.6260, 110.5820, 33.3820.



This preview shows how white text looks on a background with the YIQ color 113.6260, 110.5820, 33.3820.

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

113.6260, 110.5820, 33.3820

Protanopia

127.0040, 28.5670, -16.6250

Deuteranopia

124.8850, 53.6470, -19.6090



Tritanopia

114.0480, 106.6380, 38.7820

Trichromacy



Original Color

113.6260, 110.5820, 33.3820

Protanomaly

121.9960, 58.5490, 1.6930

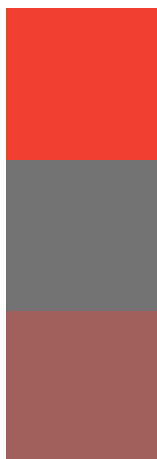
Deuteranomaly

121.0270, 74.4590, -0.3010

Tritanomaly

114.0650, 107.9680, 36.7040

Monochromacy



Original Color

113.6260, 110.5820, 33.3820

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8650, 40.3450, 12.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.6260, 110.5820, 33.3820 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(240, 62, 48)` looks like.

```
.text, #text, p{  
    color:rgb(240, 62, 48)  
}
```

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(240, 62, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 62, 48) }
```

Border

The CSS property to change the border of an element to YIQ 113.6260, 110.5820, 33.3820 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(240, 62, 48) }
```


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

```
.border{ border-color:rgb(240, 62, 48) }
```

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

Here you see how a box with a 4 pixel rgb(240, 62, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 62, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 62, 48);  
box-shadow:4px 4px 4px 4px rgb(240, 62,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 113.6260, 110.5820, 33.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 62, 48) }
```

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

```
.background{ background-color: rgb(240, 62,  
48) }
```

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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