

Converting Colors

YIQ(120.6750, 108.8860,
31.0780)

Have a look what the booklet for
YIQ(120.6750, 108.8860, 31.0780)
contains.

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Color

**YIQ(120.6750, 108.8860,
31.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	F44735
RGB	244, 71, 53
RGB Percent	96%, 28%, 21%
CMY	0.0427, 0.7218, 0.7917
CMYK	0.00, 0.71, 0.78, 0.04
HSL	6°, 90%, 58%
HSV	6°, 78%, 96%
XYZ	40.2375, 24.0067, 5.8949
YIQ	120.6750, 108.8860, 31.0780

Conversions

Conversions Part 2

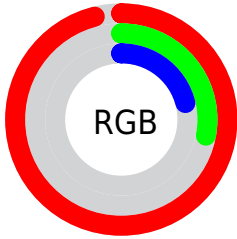
Format	Color
R_{YB}	244, 73, 53
Decimal	16009013
CIE _{Lab}	56.09, 64.68, 48.64
CIE _{LCh}	56, 80.930, 36.943
Yxy	24.0067, 0.5737, 0.3423
Android (android.graphics.Color)	4294199093 (0xFFFF44735)
YUV	120.6750, -33.3638, 108.1560
Hunter-Lab	48.9966, 60.8455, 27.1643

Details

The YIQ color **120.6750, 108.8860, 31.0780** 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 **176.3250, -108.8860, -31.0780**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1830, 83.4880, 17.7920**, and **54.2050, 104.7580, 39.8140** is the 20% darker color. If you saturate the color by 10%, you get **105.0250, 122.6400, 35.1200**, and if you desaturate by 10%, it is **136.4390, 94.8110, 27.3470**.

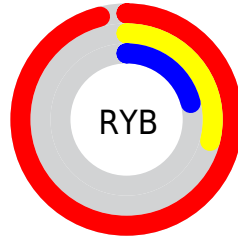
Distribution



Red (96%)

Green (28%)

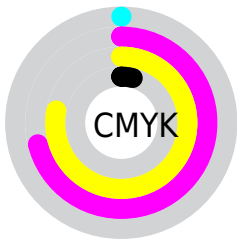
Blue (21%)



Red (96%)

Yellow (29%)

Blue (21%)

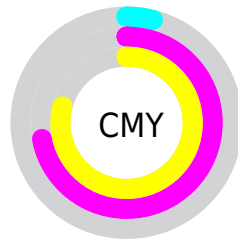


Cyan (0%)

Magenta (71%)

Yellow (78%)

Black (4%)



Cyan (4%)


Magenta (72%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.6750, 108.8860, 31.0780 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 120.6750, 108.8860, 31.0780 by changing the saturation by 10% instead.


 120.6750,
108.8860, 31.0780


 120.6750,
108.8860, 31.0780


255.0000, -0.0000,
-0.0000


 88.5270, 106.5470,
34.9230


 164.1830, 83.4880,
17.7920


 54.2050, 104.7580,
39.8140


 183.4690, 67.7630,
10.9230


 43.9530, 87.6120,
31.1640


 203.4560, 51.4420,
3.8420

 34.6840, 69.1360,
24.5920

 224.2580, 34.2040,
-3.1400

 25.5290, 50.3390,
18.3310

 244.3590, 17.5620,
-9.9100

 16.9720, 32.7340,
12.4940

 252.9480, 5.7780,

 3.5880, 7.1520,

-5.5980

2.5440

■ 0.0000, 0.0000,
0.0000

■ 120.6750,
108.8860, 31.0780

■ 120.6750,
108.8860, 31.0780

■ 105.0250,
122.6400, 35.1200

■ 136.4390, 94.8110,
27.3470

■ 89.2610, 136.7150,
38.8510

■ 152.0890, 81.0570,
23.3050

■ 86.4570, 139.0990,
39.6990

■ 167.7390, 67.3030,
19.2630

■ 183.5030, 53.2280,
15.5320

■ 199.7400, 39.1990,
10.9670

■ 215.5040, 25.1240,
7.2360

■ 231.1540, 11.3700,
3.1940

■ 246.8040, -2.3840,
-0.8480

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



111.7580, 102.9640, 72.3400



120.6750, 108.8860, 31.0780



125.8650, 91.9300, -14.0700

Triad

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



120.6750, 108.8860, 31.0780



103.0570, -68.3500, -60.8780



110.0760, -119.8050, 7.1310

Complementary

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



120.6750, 108.8860, 31.0780



176.3250, -108.8860, -31.0780

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



120.6750, 108.8860, 31.0780



113.9550, -93.5250, -39.6450

Square

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



120.6750, 108.8860, 31.0780



110.4420, -0.9510, -65.3910



121.1200, -115.0780, -17.9740



136.8280, -17.8450, 53.6030

Rectangle

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



120.6750, 108.8860, 31.0780



126.2540, 65.2490, -31.6390



121.1200, -115.0780, -17.9740



114.7720, -122.0050, 2.9470

Sweetspot

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



120.6750, 108.8860, 31.0780



217.1630, 33.5140, 9.3700



130.0590, 57.6610, 94.9170



104.5250, 20.6310, 6.0630



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.



120.6750, 108.8860, 31.0780



100.2610, 136.7150, 38.8510



175.8530, 83.0360, -18.0840



114.1750, 6.8770, 2.0210



65.5930, 106.1810, 30.5410



20.5760, 33.7890, 9.8930

Inverse Universe

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



176.3250, -108.8860, -31.0780



170.3260, -136.9900, -39.3740



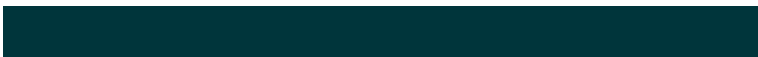
121.7340, -83.3110, 17.5610



117.8250, -6.8770, -2.0210



120.4070, -106.1810, -30.5410



37.8370, -33.5140, -9.3700

Previews

White Background



This preview shows how the YIQ color 120.6750, 108.8860, 31.0780 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 120.6750, 108.8860, 31.0780 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 120.6750, 108.8860, 31.0780

Background



This preview shows how black text looks on a background with the YIQ color 120.6750, 108.8860, 31.0780.



This preview shows how white text looks on a background with the YIQ color 120.6750, 108.8860, 31.0780.

31.0780.

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

120.6750, 108.8860, 31.0780

Protanopia

132.0040, 28.5670, -16.6250

Deuteranopia

130.1130, 53.0050, -18.9870



Tritanopia

121.8520, 104.2540, 37.9340

Trichromacy



Original Color

120.6750, 108.8860, 31.0780

Protanomaly

128.1700, 57.9990, 0.6470

Deuteranomaly

126.4290, 73.2670, -0.7250

Tritanomaly

121.6410, 106.2260, 35.2340

Monochromacy



Original Color

120.6750, 108.8860, 31.0780

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0390, 39.7950, 11.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6750, 108.8860, 31.0780 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, 71, 53)` looks like.

```
.text, #text, p{  
    color:rgb(244, 71, 53)  
}
```

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, 71, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 71, 53) }
```

Border

The CSS property to change the border of an element to YIQ 120.6750, 108.8860, 31.0780 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, 71, 53) }
```


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

```
.border{ border-color:rgb(244, 71, 53) }
```

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

Here you see how a box with a 4 pixel rgb(244, 71, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 71, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 71, 53);  
box-shadow:4px 4px 4px 4px rgb(244, 71,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6750, 108.8860, 31.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 71, 53) }
```

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

```
.background{ background-color: rgb(244, 71,  
53) }
```

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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