

Converting Colors

YIQ(119.9860, 118.3760,
35.3040)

Have a look what the booklet for
YIQ(119.9860, 118.3760, 35.3040)
contains.

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Color

**YIQ(119.9860, 118.3760,
35.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4131
RGB	255, 65, 49
RGB Percent	100%, 25%, 19%
CMY	0.0000, 0.7454, 0.8074
CMYK	0.00, 0.75, 0.81, 0.00
HSL	5°, 100%, 60%
HSV	5°, 81%, 100%
XYZ	43.6827, 25.2542, 5.4916
YIQ	119.9860, 118.3760, 35.3040

Conversions

Conversions Part 2

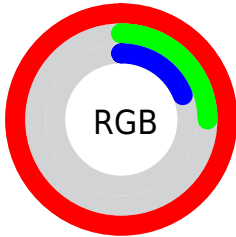
Format	Color
R_{YB}	255, 66, 49
Decimal	16728369
CIE _{Lab}	57.32, 69.81, 52.52
CIE _{LCh}	57, 87.365, 36.956
Yxy	25.2542, 0.5869, 0.3393
Android (android.graphics.Color)	4294918449 (0xFFFF4131)
YUV	119.9860, -34.9961, 118.4073
Hunter-Lab	50.2536, 67.2166, 28.6985

Details

The YIQ color **119.9860, 118.3760, 35.3040** 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 **184.0140, -118.3760, -35.3040**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.3790, 85.8720, 18.6400**, and **56.6250, 112.3230, 40.3790** is the 20% darker color. If you saturate the color by 10%, you get **103.0480, 133.0010, 40.0810**, and if you desaturate by 10%, it is **136.4510, 103.7050, 31.3610**.

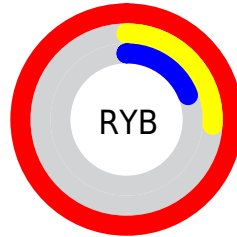
Distribution



Red (100%)

Green (25%)

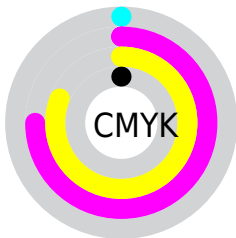
Blue (19%)



Red (100%)

Yellow (26%)

Blue (19%)

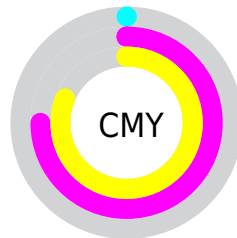


Cyan (0%)

Magenta (75%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (75%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.9860, 118.3760, 35.3040 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 119.9860, 118.3760, 35.3040 by changing the saturation by 10% instead.


 119.9860,
118.3760, 35.3040


 119.9860,
118.3760, 35.3040


255.0000, -0.0000,
-0.0000

 84.0170, 117.0910,
42.0750


 161.3790, 85.8720,
18.6400


 56.6250, 112.3230,
40.3790


 181.2520, 69.8720,
11.2480


 46.9430, 93.5720,
33.2840


 201.9400, 52.9550,
3.9550

 37.0760, 73.9040,
26.2880

 222.0410, 36.3130,
-2.8150

 27.9210, 55.1070,
20.0270

 242.7290, 19.3960,
-10.1080

 19.4780, 37.1810,
14.5010

 252.4920, 7.0620,

 8.7850, 16.9630,

-6.8420

6.4590

■ 0.0000, 0.0000,
0.0000

■ 119.9860,
118.3760, 35.3040

■ 119.9860,
118.3760, 35.3040

■ 103.0480,
133.0010, 40.0810

■ 136.4510,
103.7050, 31.3610

■ 87.9850, 146.4800,
43.6000

■ 153.3890, 89.0800,
26.5840

■ 170.4410, 74.1340,
22.1180

■ 186.7920, 59.7840,
17.8640

■ 203.8440, 44.8380,
13.3980

■ 220.1950, 30.4880,
9.1440

■ 237.2470, 15.5420,
4.6780

■ 253.5980, 1.1920,
0.4240

■ 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.



92.6150, 111.3970, 90.2210



119.9860, 118.3760, 35.3040



128.8440, 96.4230, -12.8970

Triad

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



119.9860, 118.3760, 35.3040



105.7640, -69.0830, -64.1150



112.4240, -120.9050, 5.0390

Complementary

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



119.9860, 118.3760, 35.3040



184.0140, -118.3760, -35.3040

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



119.9860, 118.3760, 35.3040



117.3460, -96.1840, -41.0160

Square

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



119.9860, 118.3760, 35.3040



111.5830, -5.9020, -69.2780



125.1950, -119.6630, -17.4790



138.5230, -18.3040, 56.4160

Rectangle

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



119.9860, 118.3760, 35.3040



129.2110, 66.8080, -32.3600



125.1950, -119.6630, -17.4790



117.1200, -123.1050, 0.8550

Sweetspot

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



119.9860, 118.3760, 35.3040



215.1740, 34.9810, 10.3170



132.4820, 61.1440, 103.3840



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.



119.9860, 118.3760, 35.3040



93.0060, 141.9870, 42.4270



179.2730, 90.6010, -17.5190



119.4740, 7.4730, 2.2330



65.9140, 109.7110, 32.6470



22.0710, 36.7690, 10.9530

Inverse Universe

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



184.0140, -118.3760, -35.3040



169.9940, -141.9870, -42.4270



124.7270, -90.6010, 17.5190



123.5260, -7.4730, -2.2330



125.6730, -109.9860, -33.1700



41.9290, -36.7690, -10.9530

Previews

White Background



This preview shows how the YIQ color 119.9860, 118.3760, 35.3040 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 119.9860, 118.3760, 35.3040 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 119.9860, 118.3760, 35.3040

Background



This preview shows how black text looks on a background with the YIQ color 119.9860, 118.3760, 35.3040.



This preview shows how white text looks on a background with the YIQ color 119.9860, 118.3760,

35.3040.

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

119.9860, 118.3760, 35.3040

Protanopia

134.3200, 30.4930, -18.4910

Deuteranopia

132.4570, 57.7280, -21.9840



Tritanopia

120.6360, 113.7900, 41.3260

Trichromacy



Original Color

119.9860, 118.3760, 35.3040

Protanomaly

128.7360, 62.2170, 1.2970

Deuteranomaly

127.8380, 79.3650, -1.1070

Tritanomaly

120.5390, 115.4410, 38.9370

Monochromacy



Original Color

119.9860, 118.3760, 35.3040

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9470, 43.0500, 12.7620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9860, 118.3760, 35.3040 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, 65, 49)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 49)  
}
```

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, 65, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 49) }
```

Border

The CSS property to change the border of an element to YIQ 119.9860, 118.3760, 35.3040 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, 65, 49) }
```


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

```
.border{ border-color:rgb(255, 65, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 65, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 49);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9860, 118.3760, 35.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 49) }
```

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

```
.background{ background-color: rgb(255, 65,  
49) }
```

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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