

Converting Colors

YIQ(119.7550, 105.9050,
35.5450)

Have a look what the booklet for
YIQ(119.7550, 105.9050, 35.5450)
contains.

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Color

**YIQ(119.7550, 105.9050,
35.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	F3443F
RGB	243, 68, 63
RGB Percent	95%, 27%, 25%
CMY	0.0466, 0.7336, 0.7525
CMYK	0.00, 0.72, 0.74, 0.05
HSL	2°, 88%, 60%
HSV	2°, 74%, 95%
XYZ	39.9614, 23.5589, 7.1596
YIQ	119.7550, 105.9050, 35.5450

Conversions

Conversions Part 2

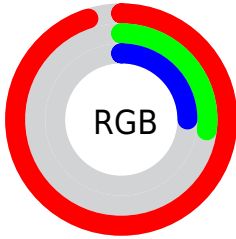
Format	Color
R_{YB}	243, 68, 63
Decimal	15942719
CIE Lab	55.64, 65.77, 42.80
CIE LCh	56, 78.466, 33.055
Yxy	23.5589, 0.5654, 0.3333
Android (android.graphics.Color)	4294132799 (0xFFFF3443F)
YUV	119.7550, -27.9802, 108.0859
Hunter-Lab	48.5375, 62.0203, 25.2306

Details

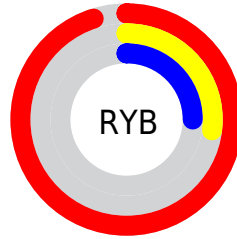
The YIQ color **119.7550, 105.9050, 35.5450** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **186.2450, -105.9050, -35.5450**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.4480, 81.4240, 22.1600**, and **55.3880, 99.9890, 43.6450** is the 20% darker color. If you saturate the color by 10%, you get **102.9310, 120.2090, 40.6330**, and if you desaturate by 10%, it is **136.5790, 91.6010, 30.4570**.

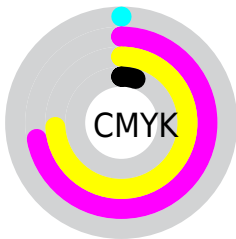
Distribution



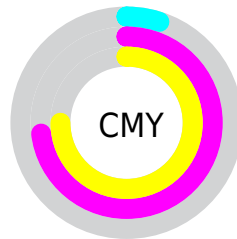
- Red (95%)
- Green (27%)
- Blue (25%)



- Red (95%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (72%)
- Yellow (74%)
- Black (5%)





- Cyan (5%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.7550, 105.9050, 35.5450 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 119.7550, 105.9050, 35.5450 by changing the saturation by 10% instead.


 119.7550,
105.9050, 35.5450


 119.7550,
105.9050, 35.5450


255.0000, -0.0000,
-0.0000


 86.4330, 104.1160,
40.4360


 163.5620, 81.1030,
22.4710


 55.6870, 100.5850,
43.8570


 183.4350, 65.1030,
15.0790


 43.9530, 87.6120,
31.1640


 203.5360, 48.4610,
8.3090

 34.3850, 68.5400,
24.3800

 223.6370, 31.8190,
1.5390

 25.2300, 49.7430,
18.1190

 244.4390, 14.5810,
-5.4430

 16.6730, 32.1380,
12.2820

 254.2020, 2.2470,

 2.9900, 5.9600,

-2.1770

2.1200

■ 0.0000, 0.0000,
0.0000

■ 119.7550,
105.9050, 35.5450

■ 119.7550,
105.9050, 35.5450

■ 102.9310,
120.2090, 40.6330

■ 136.5790, 91.6010,
30.4570

■ 86.5800, 134.5590,
44.8870


■ 152.9300, 77.2510,
26.2030

■ 76.7660, 142.9030,
47.8550


■ 169.7540, 62.9470,
21.1150

■ 186.5780, 48.6430,
16.0270

■ 202.9290, 34.2930,
11.7730

 219.7530, 19.9890,
6.6850

 236.5770, 5.6850,
1.5970

 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



114.6970, 95.7660, 70.6300



119.7550, 105.9050, 35.5450



123.8270, 95.0930, -10.8190

Triad

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



119.7550, 105.9050, 35.5450



100.9710, -65.2320, -62.3200



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.



119.7550, 105.9050, 35.5450



186.2450, -105.9050, -35.5450

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



119.7550, 105.9050, 35.5450



110.9400, -89.1690, -41.4970

Square

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



119.7550, 105.9050, 35.5450



113.1660, 8.8140, -60.6420



118.5780, -110.6760, -20.6600



134.5060, -28.8020, 48.4300

Rectangle

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



119.7550, 105.9050, 35.5450



125.7000, 69.9250, -28.2750



118.5780, -110.6760, -20.6600



115.3590, -122.2800, 2.4240

Sweetspot

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



119.7550, 105.9050, 35.5450



216.3310, 33.1010, 11.3490



136.9980, 50.4630, 93.2070



104.7530, 19.9890, 6.6850



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.



119.7550, 105.9050, 35.5450



99.3950, 133.6420, 44.9860



171.4110, 81.7050, -10.4790



113.5880, 7.1520, 2.5440



58.5490, 109.4810, 36.8170



18.8150, 34.6140, 11.4620

Inverse Universe

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



186.2450, -105.9050, -35.5450



183.6050, -133.6420, -44.9860



134.5890, -81.7050, 10.4790



118.4120, -7.1520, -2.5440



127.4510, -109.4810, -36.8170



40.1850, -34.6140, -11.4620

Previews

White Background



This preview shows how the YIQ color 119.7550, 105.9050, 35.5450 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 119.7550, 105.9050, 35.5450 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 119.7550, 105.9050, 35.5450

Background



This preview shows how black text looks on a background with the YIQ color 119.7550, 105.9050, 35.5450.



This preview shows how white text looks on a background with the YIQ color 119.7550, 105.9050,

35.5450.

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

119.7550, 105.9050, 35.5450

Protanopia

132.0020, 22.8810, -12.6950

Deuteranopia

130.1110, 47.3190, -15.0570



Tritanopia

119.9660, 103.9330, 38.2450

Trichromacy



Original Color

119.7550, 105.9050, 35.5450

Protanomaly

127.4670, 52.9090, 4.7890

Deuteranomaly

126.6120, 68.4980, 3.1060

Tritanomaly

119.6240, 104.8960, 37.3120

Monochromacy



Original Color

119.7550, 105.9050, 35.5450

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9080, 38.7860, 12.9460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7550, 105.9050, 35.5450 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(243, 68, 63)` looks like.

```
.text, #text, p{  
  color:rgb(243, 68, 63)  
}
```

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(243, 68, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 68, 63) }
```

Border

The CSS property to change the border of an element to YIQ 119.7550, 105.9050, 35.5450 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(243, 68, 63) }
```


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

```
.border{ border-color:rgb(243, 68, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 68, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 68, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 68, 63);  
box-shadow:4px 4px 4px 4px rgb(243, 68,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7550, 105.9050, 35.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 68, 63) }
```

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

```
.background{ background-color: rgb(243, 68,  
63) }
```

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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