

Converting Colors

YIQ(120.9450, 108.4260,
39.4180)

Have a look what the booklet for
YIQ(120.9450, 108.4260, 39.4180)
contains.

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Color

**YIQ(120.9450, 108.4260,
39.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	F94244
RGB	249, 66, 68
RGB Percent	98%, 26%, 27%
CMY	0.0231, 0.7414, 0.7329
CMYK	0.00, 0.74, 0.73, 0.02
HSL	359°, 94%, 62%
HSV	359°, 74%, 98%
XYZ	42.0971, 24.4663, 7.9901
YIQ	120.9450, 108.4260, 39.4180

Conversions

Conversions Part 2

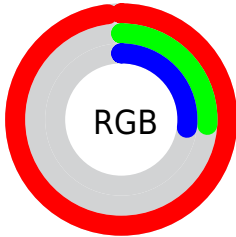
Format	Color
R_{YB}	249, 66, 68
Decimal	16335428
CIE _{Lab}	56.55, 68.41, 41.36
CIE _{LCh}	57, 79.938, 31.155
Yxy	24.4663, 0.5647, 0.3282
Android (android.graphics.Color)	4294525508 (0xFFFF94244)
YUV	120.9450, -26.1019, 112.3042
Hunter-Lab	49.4635, 65.3557, 25.0470

Details

The YIQ color **120.9450, 108.4260, 39.4180** 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 **194.0550, -108.4260, -39.4180**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5450, 79.7730, 24.5490**, and **57.7520, 101.9600, 46.4720** is the 20% darker color. If you saturate the color by 10%, you get **103.4200, 123.3260, 44.7180**, and if you desaturate by 10%, it is **138.4700, 93.5260, 34.1180**.

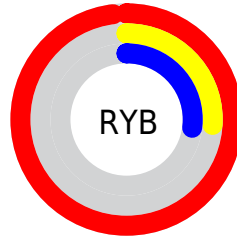
Distribution



Red (98%)

Green (26%)

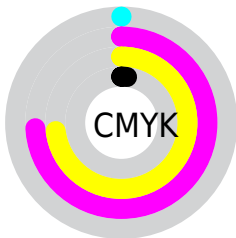
Blue (27%)



Red (98%)

Yellow (26%)

Blue (27%)

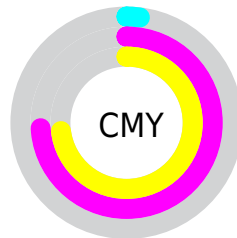


Cyan (0%)

Magenta (74%)

Yellow (73%)

Black (2%)



Cyan (2%)


Magenta (74%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.9450, 108.4260, 39.4180 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 120.9450, 108.4260, 39.4180 by changing the saturation by 10% instead.


 120.9450,
108.4260, 39.4180


 120.9450,
108.4260, 39.4180


255.0000, -0.0000,
-0.0000


 85.8620, 107.4620,
45.8780


 163.5450, 79.7730,
24.5490


 57.7520, 101.9600,
46.4720


 184.1190, 63.1770,
16.9450


 45.4480, 90.5920,
32.2240


 204.1060, 46.8560,
9.8640

 36.1790, 72.1160,
25.6520

 224.3210, 29.8930,
3.4050

 26.7250, 52.7230,
19.1790

 245.1230, 12.6550,
-3.5770

 18.2820, 34.7970,
13.6530

254.7720, 0.6420,

 6.5780, 13.1120,

-0.6220

4.6640

■ 0.0000, 0.0000,
0.0000

■ 120.9450,
108.4260, 39.4180

■ 120.9450,
108.4260, 39.4180

■ 103.4200,
123.3260, 44.7180

■ 138.4700, 93.5260,
34.1180

■ 86.0090, 137.9050,
50.3290

■ 155.8810, 78.9470,
28.5070

■ 74.7930, 147.4410,
53.7210

■ 173.4060, 64.0470,
23.2070

■ 190.9310, 49.1470,
17.9070

■ 207.7550, 34.8430,
12.8190

225.2800, 19.9430,
7.5190

242.6910, 5.3640,
1.9080

253.2060, -3.5760,
-1.2720

Harmonies

Analogous

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



116.1040, 96.1780, 74.1780



120.9450, 108.4260, 39.4180



125.9200, 99.2650, -9.3350

Triad

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



120.9450, 108.4260, 39.4180



101.6890, -64.4980, -64.6100



113.5980, -121.4550, 3.9930

Complementary

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



120.9450, 108.4260, 39.4180



194.0550, -108.4260, -39.4180

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.



122.4030, -125.5800, -3.8520



120.9450, 108.4260, 39.4180



112.3590, -89.0310, -43.9990

Square

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



120.9450, 108.4260, 39.4180



116.4330, 12.4360, -60.2040



120.3390, -111.5010, -22.2290



135.7440, -35.4040, 46.9320

Rectangle

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



120.9450, 108.4260, 39.4180



127.4940, 73.5010, -27.0030



120.3390, -111.5010, -22.2290



117.1200, -123.1050, 0.8550

Sweetspot

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



120.9450, 108.4260, 39.4180



215.8580, 33.0550, 12.1830



140.6820, 48.5370, 95.0730



104.2800, 19.9430, 7.5190



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.



120.9450, 108.4260, 39.4180



98.2040, 132.8620, 48.1100



172.3730, 84.8680, -7.2280



116.0010, 7.4270, 3.0670



56.7390, 112.0020, 40.6900



18.3530, 36.0350, 13.2430

Inverse Universe

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



120.9450, 108.4260, 39.4180



98.2040, 132.8620, 48.1100



142.6270, -84.8680, 7.2280



116.0010, 7.4270, 3.0670



56.7390, 112.0020, 40.6900



18.3530, 36.0350, 13.2430

Previews

White Background



This preview shows how the YIQ color 120.9450, 108.4260, 39.4180 looks on a white background.

Color Contrast Check

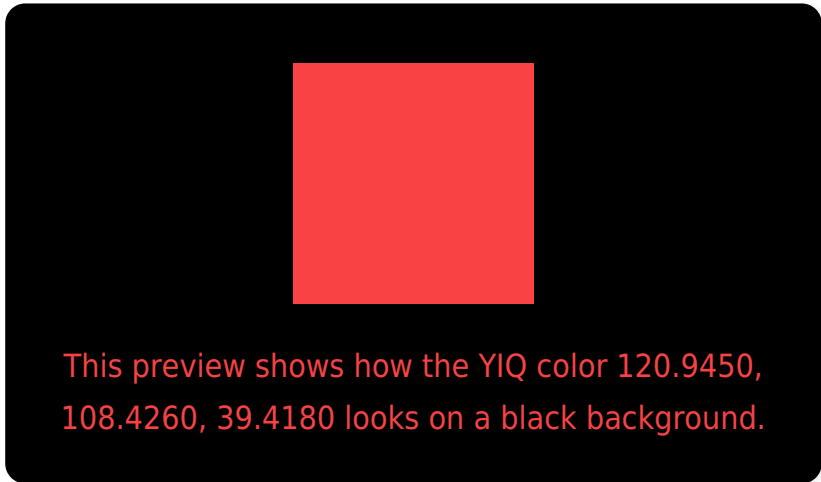
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 120.9450, 108.4260, 39.4180

Background



This preview shows how black text looks on a background with the YIQ color 120.9450, 108.4260, 39.4180.



This preview shows how white text looks on a background with the YIQ color 120.9450, 108.4260, 39.4180.

39.4180.

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

120.9450, 108.4260, 39.4180

Protanopia

134.2730, 20.6800, -11.3520

Deuteranopia

132.7520, 46.9520, -13.9120



Tritanopia

120.9450, 108.4260, 39.4180

Trichromacy



Original Color

120.9450, 108.4260, 39.4180

Protanomaly

129.6350, 52.4960, 6.7680

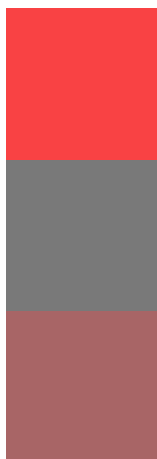
Deuteranomaly

128.3780, 69.2770, 5.5090

Tritanomaly

120.9450, 108.4260, 39.4180

Monochromacy



Original Color

120.9450, 108.4260, 39.4180

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1470, 39.6110, 14.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9450, 108.4260, 39.4180 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(249, 66, 68)` looks like.

```
.text, #text, p{  
    color:rgb(249, 66, 68)  
}
```

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(249, 66, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 66, 68) }
```

Border

The CSS property to change the border of an element to YIQ 120.9450, 108.4260, 39.4180 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(249, 66, 68) }
```


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

```
.border{ border-color:rgb(249, 66, 68) }
```

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

Here you see how a box with a 4 pixel rgb(249, 66, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 66, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 66, 68);  
box-shadow:4px 4px 4px 4px rgb(249, 66,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9450, 108.4260, 39.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 66, 68) }
```

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

```
.background{ background-color: rgb(249, 66,  
68) }
```

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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