

Converting Colors

YIQ(119.1920, 114.8000,
34.0320)

Have a look what the booklet for
YIQ(119.1920, 114.8000, 34.0320)
contains.

YIQ(119.1920, 114.8000, 34.0320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(119.1920, 114.8000,
34.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4232
RGB	250, 66, 50
RGB Percent	98%, 26%, 20%
CMY	0.0192, 0.7414, 0.8034
CMYK	0.00, 0.74, 0.80, 0.02
HSL	5°, 95%, 59%
HSV	5°, 80%, 98%
XYZ	41.9855, 24.4629, 5.5401
YIQ	119.1920, 114.8000, 34.0320

Conversions

Conversions Part 2

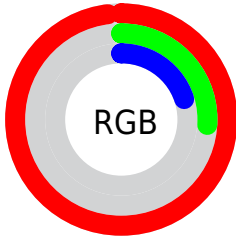
Format	Color
RYB	250, 67, 50
Decimal	16400946
CIELab	56.55, 68.09, 50.97
CIELCh	57, 85.052, 36.820
Yxy	24.4629, 0.5832, 0.3398
Android (android.graphics.Color)	4294591026 (0xFFFA4232)
YUV	119.1920, -34.1117, 114.7186
Hunter-Lab	49.4600, 64.9698, 27.9808

Details

The YIQ color **119.1920, 114.8000, 34.0320** 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 **180.8080, -114.8000, -34.0320**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4930, 85.5510, 18.9510**, and **55.5430, 109.6180, 39.8420** is the 20% darker color. If you saturate the color by 10%, you get **102.8410, 129.1500, 38.2860**, and if you desaturate by 10%, it is **135.5430, 100.4500, 29.7780**.

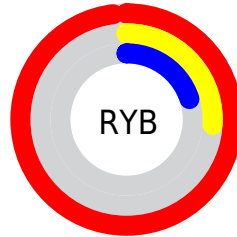
Distribution



Red (98%)

Green (26%)

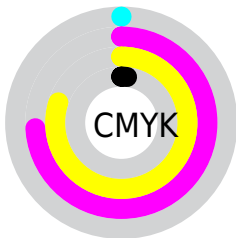
Blue (20%)



Red (98%)

Yellow (26%)

Blue (20%)

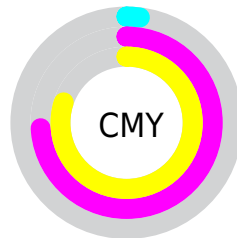


Cyan (0%)

Magenta (74%)

Yellow (80%)

Black (2%)



Cyan (2%)


Magenta (74%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.1920, 114.8000, 34.0320 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 119.1920, 114.8000, 34.0320 by changing the saturation by 10% instead.


 119.1920,
114.8000, 34.0320


 119.1920,
114.8000, 34.0320


255.0000, -0.0000,
-0.0000


 84.3970, 112.9650,
39.7570


 161.4930, 85.5510,
18.9510


 55.6570, 109.2970,
40.1530


 181.3660, 69.5510,
11.5590


 45.4480, 90.5920,
32.2240


 201.9400, 52.9550,
3.9550

 35.8800, 71.5200,
25.4400

 222.0410, 36.3130,
-2.8150

 26.7250, 52.7230,
19.1790

 242.8430, 19.0750,
-9.7970

 18.2820, 34.7970,
13.6530

 252.6060, 6.7410,

 6.5780, 13.1120,

-6.5310

4.6640

■ 0.0000, 0.0000,
0.0000

■ 119.1920,
114.8000, 34.0320

■ 119.1920,
114.8000, 34.0320

■ 102.8410,
129.1500, 38.2860

■ 135.5430,
100.4500, 29.7780


■ 86.4900, 143.5000,
42.5400


■ 151.8940, 86.1000,
25.5240


■ 168.2450, 71.7500,
21.2700


■ 184.5960, 57.4000,
17.0160

■ 200.9470, 43.0500,
12.7620

 217.2980, 28.7000,
8.5080

 233.6490, 14.3500,
4.2540

 250.0000, 0.0000,
0.0000

 253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



100.7190, 107.8680, 82.5880



119.1920, 114.8000, 34.0320



126.4740, 94.5890, -12.6990

Triad

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



119.1920, 114.8000, 34.0320



104.0030, -68.2580, -62.5460



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.



119.1920, 114.8000, 34.0320



180.8080, -114.8000, -34.0320

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



119.1920, 114.8000, 34.0320



115.2430, -94.3960, -40.3800

Square

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



119.1920, 114.8000, 34.0320



110.4200, -3.8850, -67.2850



122.8640, -117.2330, -17.4650



137.0390, -19.8170, 56.3030

Rectangle

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



119.1920, 114.8000, 34.0320



127.4390, 66.1660, -31.7380



122.8640, -117.2330, -17.4650



115.9460, -122.5550, 1.9010

Sweetspot

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



119.1920, 114.8000, 34.0320



215.1740, 34.9810, 10.3170



131.1180, 59.1730, 100.5570



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.



119.1920, 114.8000, 34.0320



94.9950, 140.5200, 41.4800



176.1310, 88.1250, -16.6990



116.4740, 7.4730, 2.2330



65.3160, 108.5190, 32.2230



21.1740, 34.9810, 10.3170

Inverse Universe

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



180.8080, -114.8000, -34.0320



170.5920, -140.7950, -42.0030



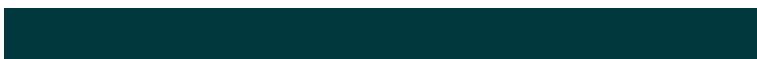
123.8690, -88.1250, 16.6990



120.5260, -7.4730, -2.2330



123.6840, -108.5190, -32.2230



39.8260, -34.9810, -10.3170

Previews

White Background



This preview shows how the YIQ color 119.1920, 114.8000, 34.0320 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 119.1920, 114.8000, 34.0320 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 119.1920, 114.8000, 34.0320

Background



This preview shows how black text looks on a background with the YIQ color 119.1920, 114.8000, 34.0320.



This preview shows how white text looks on a background with the YIQ color 119.1920, 114.8000, 34.0320.

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

119.1920, 114.8000, 34.0320

Protanopia

132.6620, 29.5300, -17.5580

Deuteranopia

130.7280, 55.5270, -20.6410



Tritanopia

120.1410, 110.8100, 40.2660

Trichromacy



Original Color

119.1920, 114.8000, 34.0320

Protanomaly

127.9530, 60.1080, 0.9720

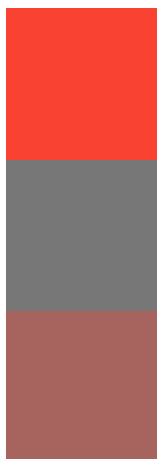
Deuteranomaly

126.5820, 77.2100, -0.5980

Tritanomaly

120.0440, 112.4610, 37.8770

Monochromacy



Original Color

119.1920, 114.8000, 34.0320

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3490, 41.8580, 12.3380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.1920, 114.8000, 34.0320 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(250, 66, 50)` looks like.

```
.text, #text, p{  
    color:rgb(250, 66, 50)  
}
```

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(250, 66, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 66, 50) }
```

Border

The CSS property to change the border of an element to YIQ 119.1920, 114.8000, 34.0320 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(250, 66, 50) }
```


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

```
.border{ border-color:rgb(250, 66, 50) }
```

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

Here you see how a box with a 4 pixel rgb(250, 66, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 66, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 66, 50);  
box-shadow:4px 4px 4px 4px rgb(250, 66,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 119.1920, 114.8000, 34.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 66, 50) }
```

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

```
.background{ background-color: rgb(250, 66,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor