

Converting Colors

YIQ(114.9820, 124.1990,
34.3990)

Have a look what the booklet for
YIQ(114.9820, 124.1990, 34.3990)
contains.

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Color

**YIQ(114.9820, 124.1990,
34.3990)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF3B24 |
| RGB | 255, 59, 36 |
| RGB Percent | 100%, 23%, 14% |
| CMY | 0.0000, 0.7689, 0.8583 |
| CMYK | 0.00, 0.77, 0.86, 0.00 |
| HSL | 6°, 100%, 57% |
| HSV | 6°, 86%, 100% |
| XYZ | 43.1202, 24.5076, 4.1373 |
| YIQ | 114.9820, 124.1990, 34.3990 |

Conversions

Conversions Part 2

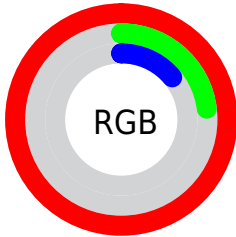
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 62, 36 |
| Decimal | 16726820 |
| CIE Lab | 56.59, 71.30, 57.92 |
| CIE LCh | 57, 91.858, 39.091 |
| Yxy | 24.5076, 0.6009, 0.3415 |
| Android (android.graphics.Color) | 4294916900 (0xFFFF3B24) |
| YUV | 114.9820, -38.9381, 122.7958 |
| Hunter-Lab | 49.5052, 68.8436, 29.6986 |

Details

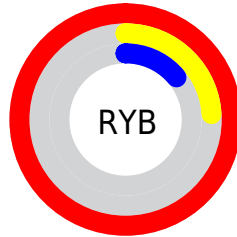
The YIQ color **114.9820, 124.1990, 34.3990** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **176.0180, -124.1990, -34.3990**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5490, 91.1450, 16.6890**, and **56.5110, 112.6440, 40.0680** is the 20% darker color. If you saturate the color by 10%, you get **98.6310, 138.5490, 38.6530**, and if you desaturate by 10%, it is **131.4470, 109.5280, 30.4560**.

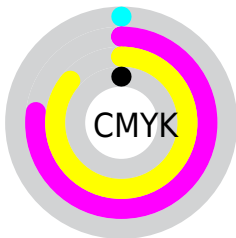
Distribution



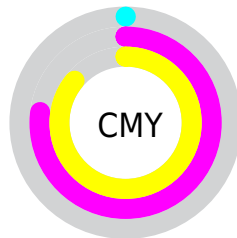
- Red (100%)
- Green (23%)
- Blue (14%)



- Red (100%)
- Yellow (24%)
- Blue (14%)



- Cyan (0%)
- Magenta (77%)
- Yellow (86%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.9820, 124.1990, 34.3990 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 114.9820, 124.1990, 34.3990 by changing the saturation by 10% instead.


 114.9820,
124.1990, 34.3990


 114.9820,
124.1990, 34.3990


255.0000, -0.0000,
-0.0000


 73.2740, 126.6730,
44.6330


 157.5490, 91.1450,
16.6890


 56.5110, 112.6440,
40.0680


 177.5360, 74.8240,
9.6080


 46.6440, 92.9760,
33.0720


 197.5230, 58.5030,
2.5270

 37.0760, 73.9040,
26.2880

 218.2110, 41.5860,
-4.7660

 27.7360, 54.1900,
20.1260

 238.8990, 24.6690,
-12.0590

 18.8800, 35.9890,
14.0770

 251.0100, 11.2350,

 8.1870, 15.7710,

-10.8850

6.0350

254.2020, 2.2470,
-2.1770

0.0000, 0.0000,
0.0000

114.9820,
124.1990, 34.3990

114.9820,
124.1990, 34.3990

98.6310, 138.5490,
38.6530

131.4470,
109.5280, 30.4560

92.0940, 144.5550,
39.9390

147.7980, 95.1780,
26.2020

163.6760, 80.7820,
22.7820

180.0270, 66.4320,
18.5280

196.4920, 51.7610,
14.5850

■ 212.8430, 37.4110,
10.3310

■ 229.3080, 22.7400,
6.3880

■ 245.6590, 8.3900,
2.1340

■ 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.



89.3550, 115.0650, 89.8250



114.9820, 124.1990, 34.3990



127.0610, 94.3140, -13.2220

Triad

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



114.9820, 124.1990, 34.3990



105.2910, -69.1290, -63.2810



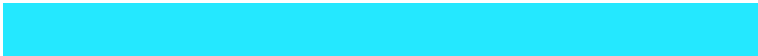
110.6630, -120.0800, 6.6080

Complementary

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



114.9820, 124.1990, 34.3990



176.0180, -124.1990, -34.3990

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.



122.9900, -125.8550, -4.3750



114.9820, 124.1990, 34.3990



117.3290, -97.5140, -38.9380

Square

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



114.9820, 124.1990, 34.3990



104.1190, -19.3350, -73.6310



125.5200, -121.9560, -14.4680



136.5070, -12.2070, 61.5610

Rectangle

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



114.9820, 124.1990, 34.3990



127.4170, 63.2320, -33.6320



125.5200, -121.9560, -14.4680



115.9460, -122.5550, 1.9010

Sweetspot

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



114.9820, 124.1990, 34.3990



212.8430, 37.4110, 10.3310



123.9390, 67.2870, 107.6950



102.3080, 22.7400, 6.3880



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.



114.9820, 124.1990, 34.3990



92.0940, 144.5550, 39.9390



178.3780, 94.4990, -22.0850



119.4740, 7.4730, 2.2330



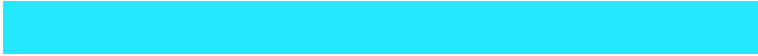
68.8490, 108.3360, 30.0320



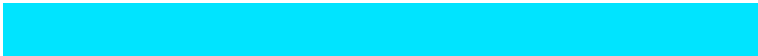
23.2450, 36.2190, 9.9070

Inverse Universe

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



176.0180, -124.1990, -34.3990



162.9060, -144.5550, -39.9390



112.6220, -94.4990, 22.0850



122.9390, -7.1980, -1.7100



122.1510, -108.3360, -30.0320



40.7550, -36.2190, -9.9070

Previews

White Background



This preview shows how the YIQ color 114.9820, 124.1990, 34.3990 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 114.9820, 124.1990, 34.3990 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 114.9820, 124.1990, 34.3990

Background



This preview shows how black text looks on a background with the YIQ color 114.9820, 124.1990, 34.3990.



This preview shows how white text looks on a background with the YIQ color 114.9820, 124.1990,

34.3990.

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

114.9820, 124.1990, 34.3990

Protanopia

131.5500, 35.5370, -21.7990

Deuteranopia

127.1510, 67.0370, -31.0030



Tritanopia

116.3160, 117.6870, 42.2870

Trichromacy



Original Color

114.9820, 124.1990, 34.3990

Protanomaly

125.3790, 67.5360, -1.4880

Deuteranomaly

122.9280, 87.6190, -7.5250

Tritanomaly

115.9910, 119.9800, 39.2760

Monochromacy



Original Color

114.9820, 124.1990, 34.3990

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2030, 45.2050, 12.2530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9820, 124.1990, 34.3990 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, 59, 36)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 36)  
}
```

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, 59, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 36) }
```

Border

The CSS property to change the border of an element to YIQ 114.9820, 124.1990, 34.3990 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, 59, 36) }
```


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

```
.border{ border-color:rgb(255, 59, 36) }
```

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

Here you see how a box with a 4 pixel rgb(255, 59, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 36);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
36) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9820, 124.1990, 34.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 36) }
```

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

```
.background{ background-color: rgb(255, 59,  
36) }
```

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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