

Converting Colors

YIQ(114.4870, 113.1920,
52.1680)

Have a look what the booklet for
YIQ(114.4870, 113.1920, 52.1680)
contains.

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Color

**YIQ(114.4870, 113.1920,
52.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	FF324E
RGB	255, 50, 78
RGB Percent	100%, 20%, 31%
CMY	0.0000, 0.8042, 0.6937
CMYK	0.00, 0.80, 0.69, 0.00
HSL	352°, 100%, 60%
HSV	352°, 80%, 100%
XYZ	43.7560, 24.0855, 9.5710
YIQ	114.4870, 113.1920, 52.1680

Conversions

Conversions Part 2

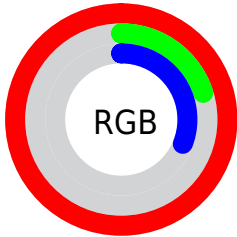
Format	Color
R _Y B	255, 50, 78
Decimal	16724558
CIE Lab	56.17, 74.98, 35.51
CIE LCh	56, 82.965, 25.342
Yxy	24.0855, 0.5652, 0.3111
Android (android.graphics.Color)	4294914638 (0xFFFF324E)
YUV	114.4870, -17.9881, 123.2299
Hunter-Lab	49.0770, 73.2622, 22.7911

Details

The YIQ color **114.4870, 113.1920, 52.1680** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **190.5130, -113.1920, -52.1680**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8150, 79.3130, 32.8890**, and **60.6860, 102.3260, 50.8540** is the 20% darker color. If you saturate the color by 10%, you get **96.7170, 127.4040, 58.9240**, and if you desaturate by 10%, it is **131.6700, 99.2550, 45.9350**.

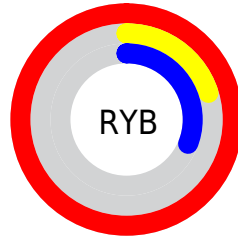
Distribution



Red (100%)

Green (20%)

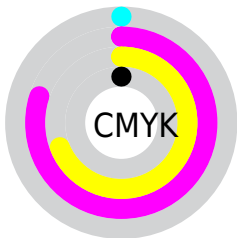
Blue (31%)



Red (100%)

Yellow (20%)

Blue (31%)

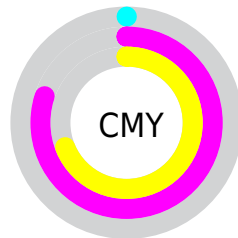


Cyan (0%)

Magenta (80%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.4870, 113.1920, 52.1680 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 114.4870, 113.1920, 52.1680 by changing the saturation by 10% instead.


 114.4870,
113.1920, 52.1680


 114.4870,
113.1920, 52.1680


255.0000, -0.0000,
-0.0000

 72.6480, 114.6570,
64.1690


 158.8150, 79.3130,
32.8890


 60.6860, 102.3260,
50.8540


 179.3890, 62.7170,
25.2850


 48.8380, 89.6740,
37.8500


 200.0770, 45.8000,
17.9920

 37.6740, 75.0960,
26.7120

 220.7650, 28.8830,
10.6990

 28.3340, 55.3820,
20.5500

 241.6810, 11.3240,
4.0280

 19.4780, 37.1810,
14.5010

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 114.4870,
113.1920, 52.1680

■ 114.4870,
113.1920, 52.1680

■ 96.7170, 127.4040,
58.9240

■ 131.6700, 99.2550,
45.9350

■ 80.2350, 140.7450,
64.9450

■ 149.4400, 85.0430,
39.1790

■ 166.6230, 71.1060,
32.9460

■ 184.3930, 56.8940,
26.1900

■ 201.5760, 42.9570,
19.9570

■ 219.3460, 28.7450,
13.2010

■ 236.5290, 14.8080,
6.9680

254.2990, 0.5960,
0.2120

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.



111.4170, 94.1590, 83.2390



114.4870, 113.1920, 52.1680



123.0400, 107.9750, -1.9850

Triad

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



114.4870, 113.1920, 52.1680



98.1210, -57.2070, -70.0950



115.9460, -122.5550, 1.9010

Complementary

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



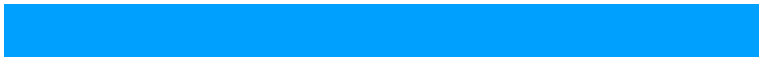
114.4870, 113.1920, 52.1680



190.5130, -113.1920, -52.1680

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.



123.4630, -125.8090, -5.2090



114.4870, 113.1920, 52.1680



110.0620, -83.9410, -48.1410

Square

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



114.4870, 113.1920, 52.1680



117.9720, 21.2840, -55.3560



119.0850, -107.9700, -25.6500



128.8010, -57.9140, 36.3740

Rectangle

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



114.4870, 113.1920, 52.1680



126.6740, 81.9820, -21.0100



119.0850, -107.9700, -25.6500



118.8810, -123.9300, -0.7140

Sweetspot

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



114.4870, 113.1920, 52.1680



213.1510, 33.7880, 15.4200



125.3960, 37.8990, 100.6430



102.6330, 20.4470, 9.3990



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.



114.4870, 113.1920, 52.1680



85.7290, 136.2980, 62.9380



153.5590, 102.3800, 5.8040



119.1150, 7.1060, 3.3780



60.0730, 105.4900, 48.5780



20.1620, 35.2550, 16.3670

Inverse Universe

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



114.4870, 113.1920, 52.1680



85.7290, 136.2980, 62.9380



151.4410, -102.3800, -5.8040



119.1150, 7.1060, 3.3780



60.0730, 105.4900, 48.5780



20.1620, 35.2550, 16.3670

Previews

White Background



This preview shows how the YIQ color 114.4870, 113.1920, 52.1680 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 114.4870, 113.1920, 52.1680 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 114.4870, 113.1920, 52.1680

Background



This preview shows how black text looks on a background with the YIQ color 114.4870, 113.1920, 52.1680.



This preview shows how white text looks on a background with the YIQ color 114.4870, 113.1920,

52.1680.

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

114.4870, 113.1920, 52.1680

Protanopia

134.4280, 13.1140, -6.3900

Deuteranopia

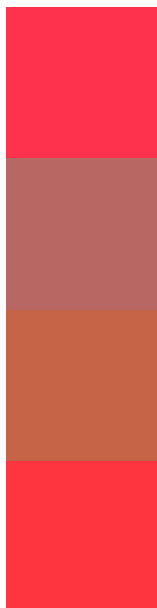
132.9950, 41.9540, -11.4380



Tritanopia

114.5010, 118.6040, 42.1880

Trichromacy



Original Color

114.4870, 113.1920, 52.1680

Protanomaly

127.2360, 49.6060, 15.0940

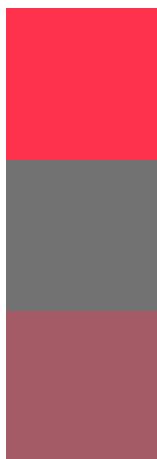
Deuteranomaly

125.9960, 67.7170, 11.7570

Tritanomaly

114.2390, 116.5860, 45.7220

Monochromacy



Original Color

114.4870, 113.1920, 52.1680

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2660, 40.8940, 18.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4870, 113.1920, 52.1680 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, 50, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 78)  
}
```

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, 50, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 78) }
```

Border

The CSS property to change the border of an element to YIQ 114.4870, 113.1920, 52.1680 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, 50, 78) }
```


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

```
.border{ border-color:rgb(255, 50, 78) }
```

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

Here you see how a box with a 4 pixel rgb(255, 50, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4870, 113.1920, 52.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 78) }
```

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

```
.background{ background-color: rgb(255, 50,  
78) }
```

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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