

Converting Colors

YIQ(95.0020, 122.5880, 69.1160)

Have a look what the booklet for
YIQ(95.0020, 122.5880, 69.1160)
contains.

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Color

**YIQ(95.0020, 122.5880,
69.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	FF114D
RGB	255, 17, 77
RGB Percent	100%, 7%, 30%
CMY	0.0000, 0.9335, 0.6976
CMYK	0.00, 0.93, 0.70, 0.00
HSL	345°, 100%, 53%
HSV	345°, 93%, 100%
XYZ	42.7824, 22.1952, 9.0712
YIQ	95.0020, 122.5880, 69.1160

Conversions

Conversions Part 2

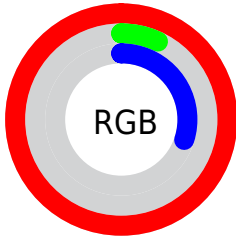
Format	Color
R_{YB}	255, 17, 77
Decimal	16716109
CIE _{Lab}	54.23, 80.46, 33.74
CIE _{LCh}	54, 87.247, 22.752
Yxy	22.1952, 0.5778, 0.2997
Android (android.graphics.Color)	4294906189 (0xFFFF114D)
YUV	95.0020, -8.8750, 140.3182
Hunter-Lab	47.1118, 79.6510, 21.5622

Details

The YIQ color **95.0020, 122.5880, 69.1160** 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 **176.9980, -122.5880, -69.1160**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.8960, 83.7590, 40.4230**, and **60.3870, 101.7300, 50.6420** is the 20% darker color. If you saturate the color by 10%, you get **83.5410, 131.4360, 73.9640**, and if you desaturate by 10%, it is **111.8430, 109.6140, 61.9500**.

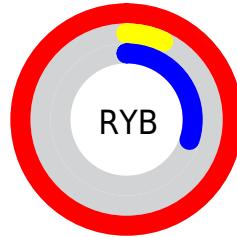
Distribution



Red (100%)

Green (7%)

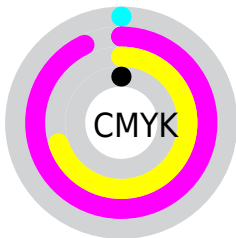
Blue (30%)



Red (100%)

Yellow (7%)

Blue (30%)

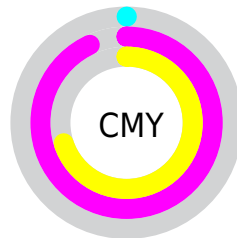


Cyan (0%)

Magenta (93%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (93%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.0020, 122.5880, 69.1160 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 95.0020, 122.5880, 69.1160 by changing the saturation by 10% instead.


 95.0020, 122.5880,
69.1160


 95.0020, 122.5880,
69.1160


255.0000, -0.0000,
-0.0000


 72.6480, 114.6570,
64.1690


 149.8960, 83.7590,
40.4230


 60.3870, 101.7300,
50.6420


 171.6440, 66.6130,
31.7730


 48.5390, 89.0780,
37.6380


 192.2180, 50.0170,
24.1690

 37.4890, 74.1790,
26.8110

 213.6070, 32.5040,
16.6640

 28.1490, 54.4650,
20.6490

 234.4090, 15.2660,
9.6820

 18.8800, 35.9890,
14.0770

 7.5890, 14.5790,

5.6110

■ 0.0000, 0.0000,
0.0000

■ 95.0020, 122.5880,
69.1160

■ 95.0020, 122.5880,
69.1160

■ 83.5410, 131.4360,
73.9640

■ 111.8430,
109.6140, 61.9500

■ 129.2710, 96.3650,
54.2610

■ 146.1120, 83.3910,
47.0950

■ 163.5400, 70.1420,
39.4060

■ 180.3810, 57.1680,
32.2400

■ 197.8090, 43.9190,
24.5510

■ 214.6500, 30.9450,
17.3850

■ 232.1920, 17.3750,
10.0070

■ 249.0330, 4.4010,
2.8410

Harmonies

Analogous

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



91.9640, 100.5290, 99.9610



95.0020, 122.5880, 69.1160



116.2950, 111.8710, 4.5030

Triad

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



95.0020, 122.5880, 69.1160



92.4500, -48.1280, -74.9440



114.1850, -121.7300, 3.4700

Complementary

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



95.0020, 122.5880, 69.1160



176.9980, -122.5880, -69.1160

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.



121.2460, -123.7000, -4.8840



95.0020, 122.5880, 69.1160



106.2320, -78.6680, -50.0920

Square

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



95.0020, 122.5880, 69.1160



114.4390, 21.4670, -53.1650



115.7110, -103.9810, -26.3570



115.6780, -79.7370, 29.8870

Rectangle

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



95.0020, 122.5880, 69.1160



121.9780, 84.1820, -16.8260



115.7110, -103.9810, -26.3570



117.7070, -123.3800, 0.3320

Sweetspot

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



95.0020, 122.5880, 69.1160



207.2810, 36.5380, 20.6500



96.4570, 27.9020, 111.1180



98.4100, 22.6930, 12.7490



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.



95.0020, 122.5880, 69.1160



83.5410, 131.4360, 73.9640



120.4470, 126.7230, 21.6910



119.2290, 6.7850, 3.6890



62.5810, 98.4280, 55.4200



20.9600, 33.0080, 18.5440

Inverse Universe

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



95.0020, 122.5880, 69.1160



83.5410, 131.4360, 73.9640



150.9660, -126.4480, -21.1680



119.2290, 6.7850, 3.6890



62.5810, 98.4280, 55.4200



20.9600, 33.0080, 18.5440

Previews

White Background



This preview shows how the YIQ color 95.0020, 122.5880, 69.1160 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 95.0020, 122.5880, 69.1160 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 95.0020, 122.5880, 69.1160

Background



This preview shows how black text looks on a background with the YIQ color 95.0020, 122.5880, 69.1160.



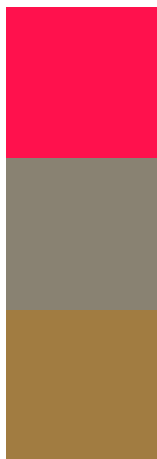
This preview shows how white text looks on a background with the YIQ color 95.0020, 122.5880,

69.1160.

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

95.0020, 122.5880, 69.1160

Protanopia

130.2690, 9.3080, -3.4920

Deuteranopia

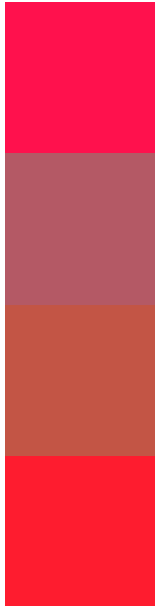
128.3370, 40.9910, -10.5050



Tritanopia

99.3240, 132.4040, 45.3960

Trichromacy



Original Color

95.0020, 122.5880, 69.1160

Protanomaly

117.5770, 50.3840, 23.0240

Deuteranomaly

116.0660, 70.6960, 18.3440

Tritanomaly

97.7400, 128.5970, 53.8210

Monochromacy



Original Color

95.0020, 122.5880, 69.1160

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1080, 44.5150, 24.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.0020, 122.5880, 69.1160 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, 17, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 17, 77)  
}
```

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, 17, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 17, 77) }
```

Border

The CSS property to change the border of an element to YIQ 95.0020, 122.5880, 69.1160 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, 17, 77) }
```


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

```
.border{ border-color:rgb(255, 17, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 17, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 17, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 17, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 17,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 95.0020, 122.5880, 69.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 17, 77) }
```

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

```
.background{ background-color: rgb(255, 17,  
77) }
```

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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