

Converting Colors

YIQ(99.9010, 120.8940, 55.7580)

Have a look what the booklet for
YIQ(99.9010, 120.8940, 55.7580)
contains.

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Color

**YIQ(99.9010, 120.8940,
55.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	FA1F3D
RGB	250, 31, 61
RGB Percent	98%, 12%, 24%
CMY	0.0191, 0.8787, 0.7603
CMYK	0.00, 0.88, 0.76, 0.02
HSL	352°, 96%, 55%
HSV	352°, 88%, 98%
XYZ	40.8067, 21.6628, 6.4619
YIQ	99.9010, 120.8940, 55.7580

Conversions

Conversions Part 2

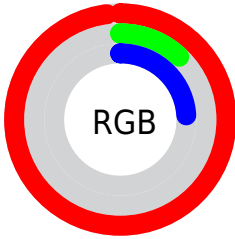
Format	Color
RYB	250, 31, 61
Decimal	16391997
CIELab	53.67, 76.91, 42.10
CIElCh	54, 87.677, 28.699
Yxy	21.6628, 0.5920, 0.3143
Android (android.graphics.Color)	4294582077 (0xFFFA1F3D)
YUV	99.9010, -19.1782, 131.6368
Hunter-Lab	46.5433, 75.0487, 24.3487

Details

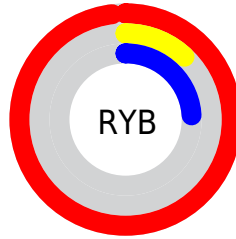
The YIQ color **99.9010, 120.8940, 55.7580** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **181.0990, -120.8940, -55.7580**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.3060, 88.1160, 33.0440**, and **57.0680, 103.8860, 44.6060** is the 20% darker color. If you saturate the color by 10%, you get **82.8320, 134.5100, 62.3020**, and if you desaturate by 10%, it is **117.0840, 106.9570, 49.5250**.

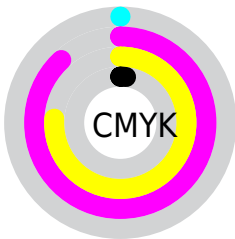
Distribution



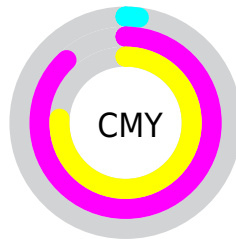
- Red (98%)
- Green (12%)
- Blue (24%)



- Red (98%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (76%)
- Black (2%)





- Cyan (2%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.9010, 120.8940, 55.7580 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 99.9010, 120.8940, 55.7580 by changing the saturation by 10% instead.


 99.9010, 120.8940,
55.7580


 99.9010, 120.8940,
55.7580


255.0000, -0.0000,
-0.0000


 69.3290, 116.8130,
58.1330


 150.3060, 88.1160,
33.0440


 57.1820, 103.5650,
44.9170


 171.3530, 71.5660,
24.6060


 45.4480, 90.5920,
32.2240


 192.0410, 54.6490,
17.3130

 35.6950, 70.6030,
25.5390

 212.7290, 37.7320,
10.0200

 26.6540, 51.4850,
19.5890

 233.5310, 20.4940,
3.0380

 17.2710, 33.3300,
12.7060

 253.7460, 3.5310,

 4.7840, 9.5360,

-3.4210

3.3920

■ 0.0000, 0.0000,
0.0000

■ 99.9010, 120.8940,
55.7580

■ 99.9010, 120.8940,
55.7580

■ 82.8320, 134.5100,
62.3020

■ 117.0840,
106.9570, 49.5250

■ 78.6260, 138.0860,
63.5740

■ 134.1530, 93.3410,
42.9810

■ 151.3360, 79.4040,
36.7480

■ 168.4050, 65.7880,
30.2040

■ 185.5880, 51.8510,
23.9710

202.7710, 37.9140,
17.7380

219.8400, 24.2980,
11.1940

237.0230, 10.3610,
4.9610

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.



91.0370, 107.4530, 95.6210



99.9010, 120.8940, 55.7580



117.1150, 103.3900, -1.4900

Triad

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



99.9010, 120.8940, 55.7580



94.8440, -54.8690, -68.4130



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.



99.9010, 120.8940, 55.7580



181.0990, -120.8940, -55.7580

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.



120.0550, -124.4800, -1.7600



99.9010, 120.8940, 55.7580



107.3550, -83.2080, -44.9040

Square

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



99.9010, 120.8940, 55.7580



109.3450, 9.8680, -57.7160



116.1330, -107.9250, -20.9570



124.1490, -49.8460, 44.3460

Rectangle

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



99.9010, 120.8940, 55.7580



121.0260, 75.0590, -22.1970



116.1330, -107.9250, -20.9570



114.7720, -122.0050, 2.9470

Sweetspot

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



99.9010, 120.8940, 55.7580



209.7600, 36.4470, 16.7910



111.5800, 40.5570, 107.5410



100.5300, 22.2350, 10.0350



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.



99.9010, 120.8940, 55.7580



80.2350, 140.7450, 64.9450



141.6800, 109.3490, 6.1570



116.1150, 7.1060, 3.3780



59.4750, 104.2980, 48.1540



19.1510, 33.7880, 15.4200

Inverse Universe

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



99.9010, 120.8940, 55.7580



80.2350, 140.7450, 64.9450



139.3200, -109.3490, -6.1570



116.1150, 7.1060, 3.3780



59.4750, 104.2980, 48.1540



19.1510, 33.7880, 15.4200

Previews

White Background



This preview shows how the YIQ color 99.9010, 120.8940, 55.7580 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 99.9010, 120.8940, 55.7580 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 99.9010, 120.8940, 55.7580

Background



This preview shows how black text looks on a background with the YIQ color 99.9010, 120.8940, 55.7580.



This preview shows how white text looks on a background with the YIQ color 99.9010, 120.8940,

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

99.9010, 120.8940, 55.7580

Protanopia

127.5440, 18.4790, -10.0090

Deuteranopia

125.1110, 47.3190, -15.0570



Tritanopia

100.3450, 127.9110, 44.2230

Trichromacy



Original Color

99.9010, 120.8940, 55.7580

Protanomaly

117.1180, 55.7500, 13.8780

Deuteranomaly

115.8780, 73.8610, 10.5410

Tritanomaly

100.3110, 125.2510, 48.3790

Monochromacy



Original Color

99.9010, 120.8940, 55.7580

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.1740, 44.1490, 20.3810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.9010, 120.8940, 55.7580 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, 31, 61)` looks like.

```
.text, #text, p{  
    color:rgb(250, 31, 61)  
}
```

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, 31, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 31, 61) }
```

Border

The CSS property to change the border of an element to YIQ 99.9010, 120.8940, 55.7580 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, 31, 61) }
```


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

```
.border{ border-color:rgb(250, 31, 61) }
```

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

Here you see how a box with a 4 pixel rgb(250, 31, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 31, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 31, 61);  
box-shadow:4px 4px 4px 4px rgb(250, 31,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 99.9010, 120.8940, 55.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 31, 61) }
```

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

```
.background{ background-color: rgb(250, 31,  
61) }
```

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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