

Converting Colors

YIQ(117.9750, 108.8820,
53.1860)

Have a look what the booklet for
YIQ(117.9750, 108.8820, 53.1860)
contains.

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Color

**YIQ(117.9750, 108.8820,
53.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3658
RGB	255, 54, 88
RGB Percent	100%, 21%, 35%
CMY	0.0000, 0.7885, 0.6545
CMYK	0.00, 0.79, 0.65, 0.00
HSL	350°, 100%, 61%
HSV	350°, 79%, 100%
XYZ	44.3210, 24.5968, 11.6667
YIQ	117.9750, 108.8820, 53.1860

Conversions

Conversions Part 2

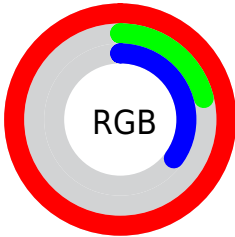
Format	Color
R_{YB}	255, 54, 88
Decimal	16725592
CIE _{Lab}	56.68, 74.45, 30.32
CIE _{LCh}	57, 80.387, 22.157
Yxy	24.5968, 0.5500, 0.3052
Android (android.graphics.Color)	4294915672 (0xFFFF3658)
YUV	117.9750, -14.7777, 120.1709
Hunter-Lab	49.5951, 72.7261, 20.7693

Details

The YIQ color **117.9750, 108.8820, 53.1860** 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 **191.0250, -108.8820, -53.1860**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **161.8300, 74.9570, 34.7410**, and **61.7120, 99.4370, 53.6530** is the 20% darker color. If you saturate the color by 10%, you get **100.3190, 122.7730, 60.2530**, and if you desaturate by 10%, it is **135.0440, 95.2660, 46.6420**.

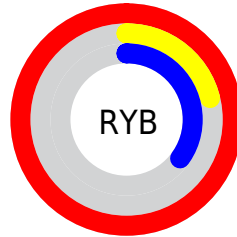
Distribution



Red (100%)

Green (21%)

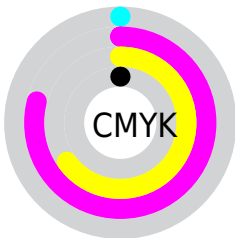
Blue (35%)



Red (100%)

Yellow (21%)

Blue (35%)

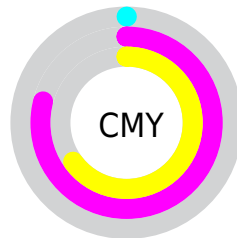


Cyan (0%)

Magenta (79%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.9750, 108.8820, 53.1860 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 117.9750, 108.8820, 53.1860 by changing the saturation by 10% instead.


 117.9750,
108.8820, 53.1860


 117.9750,
108.8820, 53.1860


255.0000, -0.0000,
-0.0000


 73.7880, 111.4470,
67.2790


 161.8300, 74.9570,
34.7410


 61.7120, 99.4370,
53.6530


 182.4040, 58.3610,
27.1370


 49.8640, 86.7850,
40.6490

 203.0920, 41.4440,
19.8440

 37.9730, 75.6920,
26.9240

 223.8940, 24.2060,
12.8620

 28.6330, 55.9780,
20.7620

 244.6960, 6.9680,
5.8800

 19.7770, 37.7770,
14.7130

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 117.9750,
108.8820, 53.1860

■ 117.9750,
108.8820, 53.1860

■ 100.3190,
122.7730, 60.2530

■ 135.0440, 95.2660,
46.6420

■ 83.2500, 136.3890,
66.7970

■ 152.7000, 81.3750,
39.5750

■ 81.1470, 138.1770,
67.4330

■ 169.8830, 67.4380,
33.3420

■ 187.5390, 53.5470,
26.2750

■ 204.6080, 39.9310,
19.7310

■ 222.2640, 26.0400,
12.6640

■ 239.3330, 12.4240,
6.1200

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.



120.0520, 84.7610, 77.3450



117.9750, 108.8820, 53.1860



125.1310, 106.4610, 3.4290

Triad

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



117.9750, 108.8820, 53.1860



97.6650, -55.9230, -71.3390



117.1200, -123.1050, 0.8550

Complementary

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



117.9750, 108.8820, 53.1860



191.0250, -108.8820, -53.1860

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.



123.7250, -123.7910, -8.7430



117.9750, 108.8820, 53.1860



109.9650, -82.2900, -50.5300

Square

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



117.9750, 108.8820, 53.1860



121.2610, 27.8400, -53.0240



118.7600, -105.6770, -28.6610



126.9520, -68.8250, 30.3670

Rectangle

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



117.9750, 108.8820, 53.1860



127.8810, 85.8330, -19.2150



118.7600, -105.6770, -28.6610



120.6420, -124.7550, -2.2830

Sweetspot

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



117.9750, 108.8820, 53.1860



213.3790, 33.1460, 16.0420



125.9500, 33.2230, 97.2790



102.7470, 20.1260, 9.7100



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.



117.9750, 108.8820, 53.1860



90.0320, 131.0710, 64.0550



151.6670, 102.1960, 9.1400



119.1150, 7.1060, 3.3780



60.8710, 103.2430, 50.7550



20.3900, 34.6130, 16.9890

Inverse Universe

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



117.9750, 108.8820, 53.1860



90.0320, 131.0710, 64.0550



157.3330, -102.1960, -9.1400



119.1150, 7.1060, 3.3780



60.8710, 103.2430, 50.7550



20.3900, 34.6130, 16.9890

Previews

White Background



This preview shows how the YIQ color 117.9750, 108.8820, 53.1860 looks on a white background.

Color Contrast Check

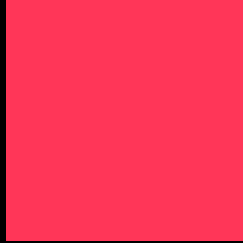
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9750, 108.8820, 53.1860 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 117.9750, 108.8820, 53.1860

Background



This preview shows how black text looks on a background with the YIQ color 117.9750, 108.8820, 53.1860.



This preview shows how white text looks on a background with the YIQ color 117.9750, 108.8820, 53.1860.

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

117.9750, 108.8820, 53.1860

Protanopia

136.0840, 8.3910, -3.3930

Deuteranopia

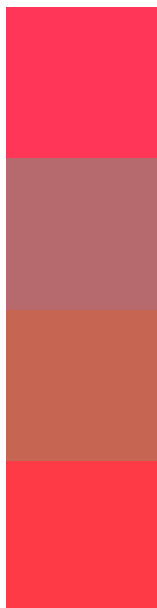
134.8360, 38.1480, -8.5400



Tritanopia

118.1200, 115.3030, 41.4390

Trichromacy



Original Color

117.9750, 108.8820, 53.1860

Protanomaly

129.3650, 44.9290, 17.2570

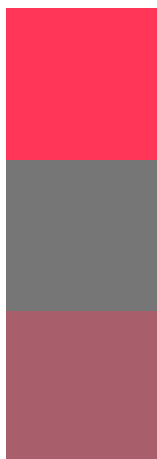
Deuteranomaly

128.4240, 63.6360, 14.1320

Tritanomaly

118.0860, 112.6430, 45.5950

Monochromacy



Original Color

117.9750, 108.8820, 53.1860

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1950, 39.6560, 19.2080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.9750, 108.8820, 53.1860 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, 54, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 88)  
}
```

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, 54, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 88) }
```

Border

The CSS property to change the border of an element to YIQ 117.9750, 108.8820, 53.1860 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, 54, 88) }
```


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

```
.border{ border-color:rgb(255, 54, 88) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 117.9750, 108.8820, 53.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 88) }
```

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

```
.background{ background-color: rgb(255, 54,  
88) }
```

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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