

Converting Colors

YIQ(120.6990, 109.4790,
47.8710)

Have a look what the booklet for
YIQ(120.6990, 109.4790, 47.8710)
contains.

YIQ(120.6990, 109.4790, 47.8710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(120.6990, 109.4790,
47.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3C51
RGB	255, 60, 81
RGB Percent	100%, 24%, 32%
CMY	0.0000, 0.7650, 0.6819
CMYK	0.00, 0.76, 0.68, 0.00
HSL	353°, 100%, 62%
HSV	353°, 76%, 100%
XYZ	44.3408, 25.0788, 10.3092
YIQ	120.6990, 109.4790, 47.8710

Conversions

Conversions Part 2

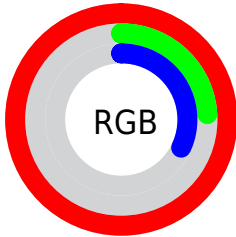
Format	Color
R_{YB}	255, 60, 81
Decimal	16727121
CIE _{Lab}	57.15, 72.47, 34.97
CIE _{LCh}	57, 80.470, 25.757
Yxy	25.0788, 0.5561, 0.3146
Android (android.graphics.Color)	4294917201 (0xFFFF3C51)
YUV	120.6990, -19.5716, 117.7820
Hunter-Lab	50.0788, 70.4098, 22.8497

Details

The YIQ color **120.6990, 109.4790, 47.8710** 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 **194.3010, -109.4790, -47.8710**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2660, 76.4250, 30.1610**, and **61.0280, 101.3630, 51.7870** is the 20% darker color. If you saturate the color by 10%, you get **102.8150, 124.0120, 54.3160**, and if you desaturate by 10%, it is **137.9960, 95.2210, 41.9490**.

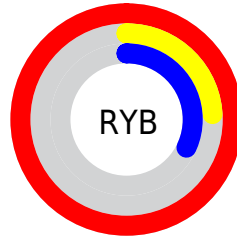
Distribution



Red (100%)

Green (24%)

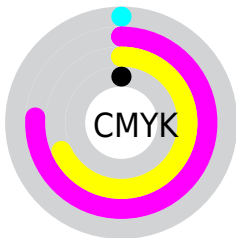
Blue (32%)



Red (100%)

Yellow (24%)

Blue (32%)

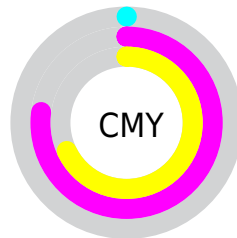


Cyan (0%)

Magenta (76%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.6990, 109.4790, 47.8710 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 120.6990, 109.4790, 47.8710 by changing the saturation by 10% instead.


 120.6990,
109.4790, 47.8710


 120.6990,
109.4790, 47.8710


255.0000, -0.0000,
-0.0000


 79.4470, 110.6690,
59.3490


 163.2660, 76.4250,
30.1610

 61.0280, 101.3630,
51.7870


 183.8400, 59.8290,
22.5570

 49.1800, 88.7110,
38.7830

 203.9410, 43.1870,
15.7870

 37.6740, 75.0960,
26.7120

 224.7430, 25.9490,
8.8050

 28.6330, 55.9780,
20.7620

 245.5450, 8.7110,
1.8230

 19.7770, 37.7770,
14.7130

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 120.6990,
109.4790, 47.8710

■ 120.6990,
109.4790, 47.8710

■ 102.8150,
124.0120, 54.3160

■ 137.9960, 95.2210,
41.9490

■ 85.6320, 137.9490,
60.5490

■ 155.8800, 80.6880,
35.5040

■ 79.4370, 142.9920,
62.7680

■ 173.0630, 66.7510,
29.2710

■ 190.9470, 52.2180,
22.8260

■ 208.2440, 37.9600,
16.9040

226.0140, 23.7480,
10.1480

243.3110, 9.4900,
4.2260

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.



119.7490, 89.9880, 76.2280



120.6990, 109.4790, 47.8710



125.9750, 106.6000, -4.6000

Triad

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



120.6990, 109.4790, 47.8710



100.7940, -60.6000, -69.1760



116.5330, -122.8300, 1.3780

Complementary

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



120.6990, 109.4790, 47.8710



194.3010, -109.4790, -47.8710

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.



124.5230, -126.0380, -6.5660



120.6990, 109.4790, 47.8710



112.2790, -86.0500, -48.4660

Square

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



120.6990, 109.4790, 47.8710



120.6300, 22.2470, -56.2890



120.4870, -109.1620, -26.0740



132.6660, -53.1000, 37.2360

Rectangle

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



120.6990, 109.4790, 47.8710



129.3210, 81.4780, -22.8900



120.4870, -109.1620, -26.0740



120.0550, -124.4800, -1.7600

Sweetspot

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



120.6990, 109.4790, 47.8710



214.4390, 32.9170, 14.6850



133.6580, 39.9170, 97.1090



103.2200, 20.1720, 8.8760



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.



120.6990, 109.4790, 47.8710



93.2290, 131.7140, 57.9060



162.3300, 95.5950, 2.1150



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Inverse Universe

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



120.6990, 109.4790, 47.8710



93.2290, 131.7140, 57.9060



152.6700, -95.5950, -2.1150



119.0010, 7.4270, 3.0670



59.5030, 107.0950, 47.0230



19.9340, 35.8970, 15.7450

Previews

White Background



This preview shows how the YIQ color 120.6990, 109.4790, 47.8710 looks on a white background.

Color Contrast Check

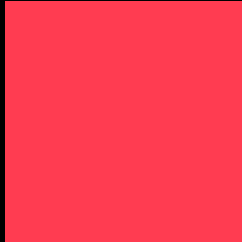
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6990, 109.4790, 47.8710 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 120.6990, 109.4790, 47.8710

Background



This preview shows how black text looks on a background with the YIQ color 120.6990, 109.4790, 47.8710.



This preview shows how white text looks on a background with the YIQ color 120.6990, 109.4790, 47.8710.

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

120.6990, 109.4790, 47.8710

Protanopia

136.6130, 14.0310, -6.4890

Deuteranopia

135.4080, 42.2290, -10.9150



Tritanopia

120.3370, 113.1940, 41.1140

Trichromacy



Original Color

120.6990, 109.4790, 47.8710

Protanomaly

130.8830, 49.1020, 13.2140

Deuteranomaly

129.8710, 66.5710, 10.4990

Tritanomaly

120.4340, 111.5430, 43.5030

Monochromacy



Original Color

120.6990, 109.4790, 47.8710

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0270, 40.0690, 17.2290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.6990, 109.4790, 47.8710 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, 60, 81)` looks like.

```
.text, #text, p{  
  color:rgb(255, 60, 81)  
}
```

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, 60, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 60, 81) }
```

Border

The CSS property to change the border of an element to YIQ 120.6990, 109.4790, 47.8710 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, 60, 81) }
```


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

```
.border{ border-color:rgb(255, 60, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 60, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 60, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 60, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 60,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 120.6990, 109.4790, 47.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 60, 81) }
```

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

```
.background{ background-color: rgb(255, 60,  
81) }
```

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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