

Converting Colors

YIQ(128.5240, 102.6020,
45.8500)

Have a look what the booklet for
YIQ(128.5240, 102.6020, 45.8500)
contains.

YIQ(128.5240, 102.6020, 45.8500)	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(128.5240, 102.6020,
45.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	FF475D
RGB	255, 71, 93
RGB Percent	100%, 28%, 36%
CMY	0.0000, 0.7218, 0.6349
CMYK	0.00, 0.72, 0.63, 0.00
HSL	353°, 100%, 64%
HSV	353°, 72%, 100%
XYZ	45.4685, 26.5487, 13.1070
YIQ	128.5240, 102.6020, 45.8500

Conversions

Conversions Part 2

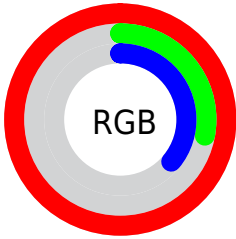
Format	Color
RYB	255, 71, 93
Decimal	16729949
CIELab	58.55, 69.69, 29.79
CIElCh	59, 75.791, 23.145
Yxy	26.5487, 0.5341, 0.3119
Android (android.graphics.Color)	4294920029 (0xFFFF475D)
YUV	128.5240, -17.5133, 110.9195
Hunter-Lab	51.5255, 67.3474, 20.9857

Details

The YIQ color **128.5240, 102.6020, 45.8500** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **197.4760, -102.6020, -45.8500**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4440, 70.0520, 30.0200**, and **62.4670, 98.7490, 55.1090** is the 20% darker color. If you saturate the color by 10%, you get **110.7540, 116.8140, 52.6060**, and if you desaturate by 10%, it is **145.8210, 88.3440, 39.9280**.

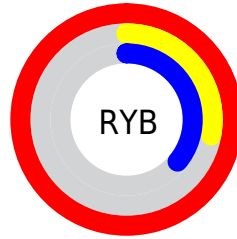
Distribution



Red (100%)

Green (28%)

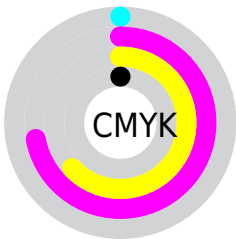
Blue (36%)



Red (100%)

Yellow (28%)

Blue (36%)

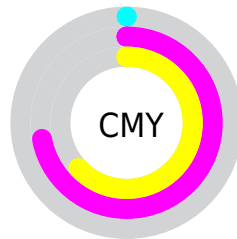


Cyan (0%)

Magenta (72%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (72%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.5240, 102.6020, 45.8500 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 128.5240, 102.6020, 45.8500 by changing the saturation by 10% instead.


 128.5240,
102.6020, 45.8500


 128.5240,
102.6020, 45.8500


255.0000, -0.0000,
-0.0000


 94.6150, 101.0880,
51.2640

 169.4440, 70.0520,
30.0200


 62.4670, 98.7490,
55.1090


 190.1320, 53.1350,
22.7270


 50.6190, 86.0970,
42.1050


 210.2330, 36.4930,
15.9570

 38.5000, 75.6460,
27.7580

 231.0350, 19.2550,
8.9750

 29.1170, 57.4910,
20.8750

 251.9510, 1.6960,
2.3040

 20.6740, 39.5650,
15.3490

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 128.5240,
102.6020, 45.8500

■ 128.5240,
102.6020, 45.8500

■ 110.7540,
116.8140, 52.6060

■ 145.8210, 88.3440,
39.9280

■ 93.4570, 131.0720,
58.5280


■ 163.5910, 74.1320,
33.1720


■ 79.7790, 142.0290,
63.7010

■ 180.7740, 60.1950,
26.9390

■ 198.6580, 45.6620,
20.4940

■ 215.8410, 31.7250,
14.2610

 233.7250, 17.1920,
7.8160

 250.9080, 3.2550,
1.5830

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.



131.0310, 80.0860, 68.4540



128.5240, 102.6020, 45.8500



132.1240, 99.1710, 3.3870

Triad

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



128.5240, 102.6020, 45.8500



102.3100, -62.1130, -69.2890



119.4680, -124.2050, -1.2370

Complementary

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



128.5240, 102.6020, 45.8500



197.4760, -102.6020, -45.8500

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.



125.6000, -124.9370, -10.0010



128.5240, 102.6020, 45.8500



113.2250, -85.9580, -50.1340

Square

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



128.5240, 102.6020, 45.8500



125.6910, 29.4450, -54.5790



121.5640, -108.0610, -29.5090



135.5790, -57.4090, 32.7270

Rectangle

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



128.5240, 102.6020, 45.8500



132.5880, 85.1000, -22.4520



121.5640, -108.0610, -29.5090



122.4030, -125.5800, -3.8520

Sweetspot

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



128.5240, 102.6020, 45.8500



216.5420, 31.1290, 14.0490



139.5170, 35.7000, 90.9320



104.6220, 18.9800, 8.4520



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.



128.5240, 102.6020, 45.8500



102.4560, 123.6450, 55.4610



165.3450, 91.2390, 3.9670



119.0010, 7.4270, 3.0670



59.7310, 106.4530, 47.6450



20.0480, 35.5760, 16.0560

Inverse Universe

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



128.5240, 102.6020, 45.8500



102.4560, 123.6450, 55.4610



160.6550, -91.2390, -3.9670



119.0010, 7.4270, 3.0670



59.7310, 106.4530, 47.6450



20.0480, 35.5760, 16.0560

Previews

White Background



This preview shows how the YIQ color 128.5240, 102.6020, 45.8500 looks on a white background.

Color Contrast Check

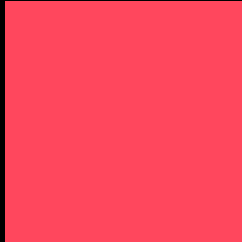
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.5240, 102.6020, 45.8500 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 128.5240, 102.6020, 45.8500

Background



This preview shows how black text looks on a background with the YIQ color 128.5240, 102.6020, 45.8500.



This preview shows how white text looks on a background with the YIQ color 128.5240, 102.6020, 45.8500.

45.8500.

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

128.5240, 102.6020, 45.8500

Protanopia

140.9270, 10.2710, -4.4250

Deuteranopia

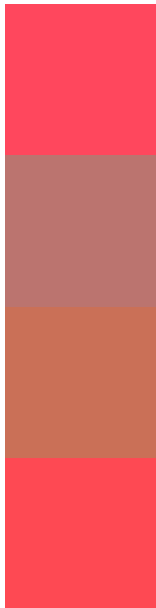
139.9500, 37.8270, -8.2290



Tritanopia

128.1620, 106.3170, 39.0930

Trichromacy



Original Color

128.5240, 102.6020, 45.8500

Protanomaly

136.6590, 43.9210, 13.4970

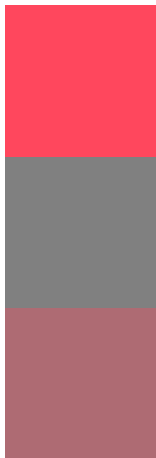
Deuteranomaly

136.0600, 61.6650, 11.3050

Tritanomaly

128.2590, 104.6660, 41.4820

Monochromacy



Original Color

128.5240, 102.6020, 45.8500

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9450, 37.3640, 16.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5240, 102.6020, 45.8500 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, 71, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 93)  
}
```

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, 71, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 93) }
```

Border

The CSS property to change the border of an element to YIQ 128.5240, 102.6020, 45.8500 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, 71, 93) }
```


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

```
.border{ border-color:rgb(255, 71, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5240, 102.6020, 45.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 93) }
```

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

```
.background{ background-color: rgb(255, 71,  
93) }
```

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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