

Converting Colors

YIQ(138.3640, 91.3690, 45.6810)

Have a look what the booklet for
YIQ(138.3640, 91.3690, 45.6810)
contains.

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Color

**YIQ(138.3640, 91.3690,
45.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	FE5473
RGB	254, 84, 115
RGB Percent	100%, 33%, 45%
CMY	0.0035, 0.6708, 0.5487
CMYK	0.00, 0.67, 0.55, 0.00
HSL	349°, 99%, 66%
HSV	349°, 67%, 100%
XYZ	47.1769, 28.6606, 19.2913
YIQ	138.3640, 91.3690, 45.6810

Conversions

Conversions Part 2

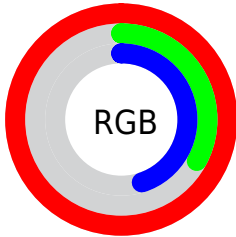
Format	Color
R_{YB}	254, 84, 115
Decimal	16667763
CIE Lab	60.48, 66.22, 19.53
CIE LCh	60, 69.045, 16.434
Yxy	28.6606, 0.4959, 0.3013
Android (android.graphics.Color)	4294857843 (0xFFFE5473)
YUV	138.3640, -11.5185, 101.4128
Hunter-Lab	53.5356, 63.6113, 16.1101

Details

The YIQ color **138.3640, 91.3690, 45.6810** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **199.6360, -91.3690, -45.6810**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.6370, 59.3230, 31.7310**, and **65.9210, 91.7790, 60.2830** is the 20% darker color. If you saturate the color by 10%, you get **121.2950, 104.9850, 52.2250**, and if you desaturate by 10%, it is **155.4330, 77.7530, 39.1370**.

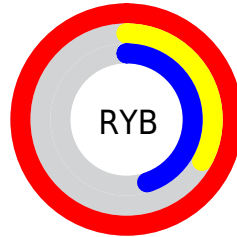
Distribution



Red (100%)

Green (33%)

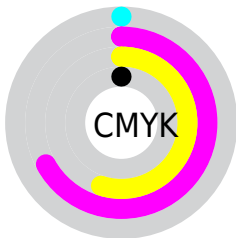
Blue (45%)



Red (100%)

Yellow (33%)

Blue (45%)

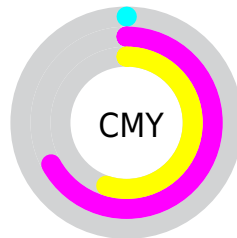


Cyan (0%)

Magenta (67%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (67%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3640, 91.3690, 45.6810 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 138.3640, 91.3690, 45.6810 by changing the saturation by 10% instead.


 138.3640, 91.3690,
45.6810


 138.3640, 91.3690,
45.6810


255.0000, -0.0000,
-0.0000


 107.2760, 88.8010,
48.1690


 178.6370, 59.3230,
31.7310

 65.3340, 92.0540,
60.8060


 198.7380, 42.6810,
24.9610


 53.0840, 80.5940,
48.2260

 218.9530, 25.7180,
18.5020

 41.8340, 69.1340,
35.6460

 239.7550, 8.4800,
11.5200

 29.9000, 59.6000,
21.2000

 21.5710, 41.3530,
15.9850

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 138.3640, 91.3690,
45.6810

■ 138.3640, 91.3690,
45.6810

■ 121.2950,
104.9850, 52.2250

■ 155.4330, 77.7530,
39.1370

■ 103.7530,
118.5550, 59.6030

■ 173.0890, 63.8620,
32.0700

■ 86.6840, 132.1710,
66.1470

■ 190.0440, 50.5670,
25.2150

■ 81.3040, 136.2970,
68.4650

■ 207.7000, 36.6760,
18.1480

■ 224.7690, 23.0600,
11.6040

241.8380, 9.4440,
5.0600

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



143.1920, 63.2150, 60.3270



138.3640, 91.3690, 45.6810



139.8110, 93.1630, 13.1550

Triad

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



138.3640, 91.3690, 45.6810



123.9300, -22.4560, -55.6080



123.5770, -126.1300, -4.8980

Complementary

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



138.3640, 91.3690, 45.6810



199.6360, -91.3690, -45.6810

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.



126.9390, -121.8180, -16.9700



138.3640, 91.3690, 45.6810



114.0740, -84.2150, -54.1910

Square

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



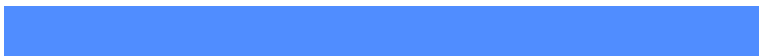
138.3640, 91.3690, 45.6810



132.5680, 43.1530, -49.7030



122.5440, -105.3090, -35.3330



135.7570, -72.9500, 22.5220

Rectangle

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



138.3640, 91.3690, 45.6810



139.0430, 85.5570, -14.2110



122.5440, -105.3090, -35.3330



125.9250, -127.2300, -6.9900

Sweetspot

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



138.3640, 91.3690, 45.6810



220.2750, 27.5070, 13.6110



144.9410, 28.2740, 82.3380



106.9530, 16.5500, 8.4380



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.



138.3640, 91.3690, 45.6810



116.2140, 109.7070, 54.7550



166.5280, 86.4700, 7.7980



119.1150, 7.1060, 3.3780



61.0990, 102.6010, 51.3770



20.5040, 34.2920, 17.3000

Inverse Universe

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



138.3640, 91.3690, 45.6810



116.2140, 109.7070, 54.7550



171.4720, -86.4700, -7.7980



119.1150, 7.1060, 3.3780



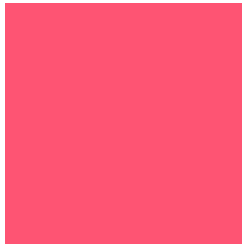
61.0990, 102.6010, 51.3770



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 138.3640, 91.3690, 45.6810 looks on a white background.

Color Contrast Check

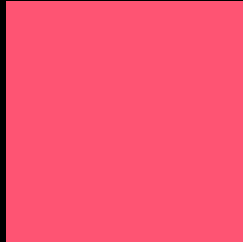
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3640, 91.3690, 45.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

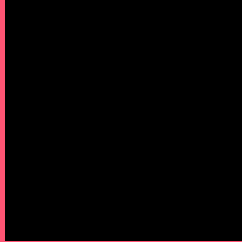
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 138.3640, 91.3690, 45.6810

Background



This preview shows how black text looks on a background with the YIQ color 138.3640, 91.3690, 45.6810.



This preview shows how white text looks on a background with the YIQ color 138.3640, 91.3690,

45.6810.

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

138.3640, 91.3690, 45.6810

Protanopia

146.1960, 2.3840, 0.8480

Deuteranopia

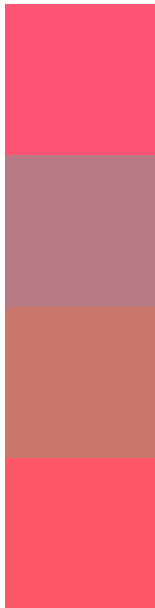
146.1050, 30.2610, -3.2670



Tritanopia

137.9050, 96.7350, 36.5350

Trichromacy



Original Color

138.3640, 91.3690, 45.6810

Protanomaly

143.3900, 34.6130, 16.9890

Deuteranomaly

143.3780, 52.0820, 14.2740

Tritanomaly

138.2300, 94.4420, 39.5460

Monochromacy



Original Color

138.3640, 91.3690, 45.6810

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9060, 33.1000, 16.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3640, 91.3690, 45.6810 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(254, 84, 115)` looks like.

```
.text, #text, p{  
    color:rgb(254, 84, 115)  
}
```

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(254, 84, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 84, 115) }
```

Border

The CSS property to change the border of an element to YIQ 138.3640, 91.3690, 45.6810 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(254, 84, 115) }
```


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

```
.border{ border-color:rgb(254, 84, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 84, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 84, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 84, 115);  
box-shadow:4px 4px 4px 4px rgb(254, 84,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3640, 91.3690, 45.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 84, 115) }
```

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

```
.background{ background-color: rgb(254, 84,  
115) }
```

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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