

Converting Colors

YIQ(135.3690, 92.9730, 49.6530)

Have a look what the booklet for
YIQ(135.3690, 92.9730, 49.6530)
contains.

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Color

**YIQ(135.3690, 92.9730,
49.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4E75
RGB	255, 78, 117
RGB Percent	100%, 31%, 46%
CMY	0.0000, 0.6944, 0.5408
CMYK	0.00, 0.69, 0.54, 0.00
HSL	347°, 100%, 65%
HSV	347°, 69%, 100%
XYZ	47.1751, 27.9846, 19.7714
YIQ	135.3690, 92.9730, 49.6530

Conversions

Conversions Part 2

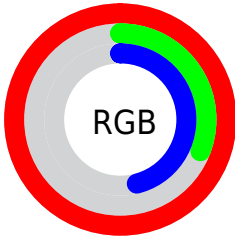
Format	Color
R_{YB}	255, 78, 117
Decimal	16731765
CIE _{Lab}	59.87, 68.83, 17.56
CIE _{LCh}	60, 71.037, 14.315
Yxy	27.9846, 0.4969, 0.2948
Android (android.graphics.Color)	4294921845 (0xFFFF4E75)
YUV	135.3690, -9.0559, 104.9164
Hunter-Lab	52.9005, 66.6052, 14.8708

Details

The YIQ color **135.3690, 92.9730, 49.6530** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **197.6310, -92.9730, -49.6530**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9300, 60.0560, 34.9680**, and **65.2740, 92.2830, 62.1630** is the 20% darker color. If you saturate the color by 10%, you get **117.8270, 106.5430, 57.0310**, and if you desaturate by 10%, it is **152.3240, 79.6780, 42.7980**.

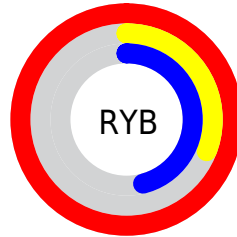
Distribution



Red (100%)

Green (31%)

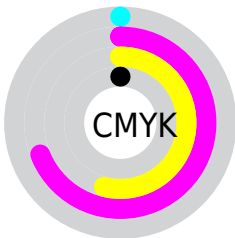
Blue (46%)



Red (100%)

Yellow (31%)

Blue (46%)

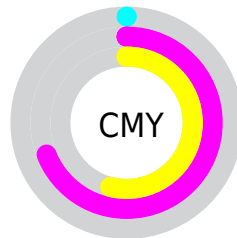


Cyan (0%)

Magenta (69%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (69%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.3690, 92.9730, 49.6530 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 135.3690, 92.9730, 49.6530 by changing the saturation by 10% instead.


 135.3690, 92.9730,
49.6530


 135.3690, 92.9730,
49.6530


255.0000, -0.0000,
-0.0000


 103.1070, 90.9550,
53.1870


 175.9300, 60.0560,
34.9680

 65.2740, 92.2830,
62.1630


 196.6180, 43.1390,
27.6750


 53.4970, 80.8690,
48.7490

 216.8330, 26.1760,
21.2160

 41.9480, 68.8130,
35.9570

 237.6350, 8.9380,
14.2340

 30.0140, 59.2790,
21.5110

 21.6850, 41.0320,
16.2960

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 135.3690, 92.9730,
49.6530

■ 135.3690, 92.9730,
49.6530

■ 117.8270,
106.5430, 57.0310

■ 152.3240, 79.6780,
42.7980

■ 100.8720,
119.8380, 63.8860

■ 169.8660, 66.1080,
35.4200

■ 83.4440, 133.0870,
71.5750

■ 186.8210, 52.8130,
28.5650

■ 82.6290, 134.0040,
71.4760

■ 204.3630, 39.2430,
21.1870

■ 221.2040, 26.2690,
14.0210

238.7460, 12.6990,
6.6430

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.



141.2890, 61.5640, 62.7160



135.3690, 92.9730, 49.6530



137.3600, 96.0510, 15.8830

Triad

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



135.3690, 92.9730, 49.6530



122.2140, -17.5040, -57.2480



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.



135.3690, 92.9730, 49.6530



197.6310, -92.9730, -49.6530

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.



126.1240, -120.9010, -17.0690



135.3690, 92.9730, 49.6530



112.6890, -81.6930, -55.8450

Square

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



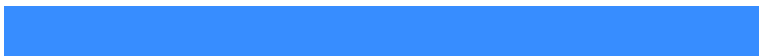
135.3690, 92.9730, 49.6530



131.9920, 44.8950, -48.2330



121.2730, -103.1080, -36.6760



128.2820, -87.8500, 17.2220

Rectangle

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



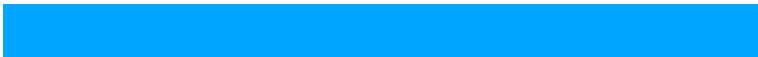
135.3690, 92.9730, 49.6530



136.5490, 90.0040, -12.2040



121.2730, -103.1080, -36.6760



125.9250, -127.2300, -6.9900

Sweetspot

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



135.3690, 92.9730, 49.6530



218.5140, 28.3320, 15.1800



138.8420, 24.2390, 83.8790



106.3660, 16.8250, 8.9610



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.



135.3690, 92.9730, 49.6530



111.7460, 111.2650, 59.5610



158.5120, 92.5670, 12.9430



119.2290, 6.7850, 3.6890



61.8970, 100.3540, 53.5540



20.7320, 33.6500, 17.9220

Inverse Universe

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



135.3690, 92.9730, 49.6530



111.7460, 111.2650, 59.5610



174.4880, -92.5670, -12.9430



119.2290, 6.7850, 3.6890



61.8970, 100.3540, 53.5540



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 135.3690, 92.9730, 49.6530 looks on a white background.

Color Contrast Check

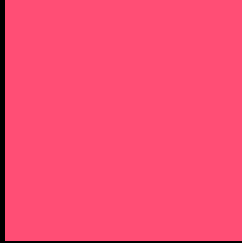
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3690, 92.9730, 49.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

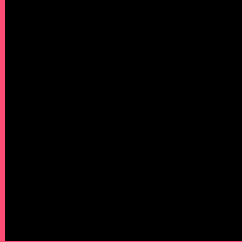
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.3690, 92.9730, 49.6530

Background



This preview shows how black text looks on a background with the YIQ color 135.3690, 92.9730, 49.6530.



This preview shows how white text looks on a background with the YIQ color 135.3690, 92.9730,

49.6530.

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

135.3690, 92.9730, 49.6530

Protanopia

144.9830, -1.3300, 2.0780

Deuteranopia

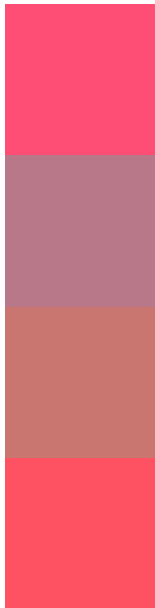
144.8490, 28.1060, -2.7580



Tritanopia

134.9870, 99.4400, 37.0720

Trichromacy



Original Color

135.3690, 92.9730, 49.6530

Protanomaly

141.4870, 32.9620, 19.3780

Deuteranomaly

141.5460, 51.6690, 16.2530

Tritanomaly

135.3660, 97.0550, 41.7510

Monochromacy



Original Color

135.3690, 92.9730, 49.6530

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.0310, 34.2460, 18.1340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3690, 92.9730, 49.6530 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, 78, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 117)  
}
```

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, 78, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 117) }
```

Border

The CSS property to change the border of an element to YIQ 135.3690, 92.9730, 49.6530 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, 78, 117) }
```


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

```
.border{ border-color:rgb(255, 78, 117) }
```

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

Here you see how a box with a 4 pixel rgb(255, 78, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3690, 92.9730, 49.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 117) }
```

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

```
.background{ background-color: rgb(255, 78,  
117) }
```

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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