

Converting Colors

YIQ(132.9180, 61.4710, 69.9110)

Have a look what the booklet for
YIQ(132.9180, 61.4710, 69.9110)
contains.

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Color

**YIQ(132.9180, 61.4710,
69.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	EB47B8
RGB	235, 71, 184
RGB Percent	92%, 28%, 72%
CMY	0.0780, 0.7218, 0.2783
CMYK	0.00, 0.70, 0.22, 0.08
HSL	319°, 81%, 60%
HSV	319°, 70%, 92%
XYZ	45.2045, 25.6423, 47.9362
YIQ	132.9180, 61.4710, 69.9110

Conversions

Conversions Part 2

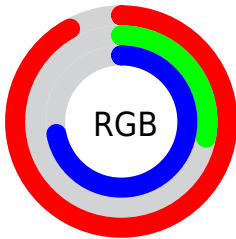
Format	Color
R _Y B	235, 71, 184
Decimal	15419320
CIE _{Lab}	57.70, 72.63, -25.09
CIE _{LCh}	58, 76.842, 340.946
Yxy	25.6423, 0.3806, 0.2159
Android (android.graphics.Color)	4293609400 (0xFFEB47B8)
YUV	132.9180, 25.1834, 89.5259
Hunter-Lab	50.6382, 70.7294, -20.6796

Details

The YIQ color **132.9180, 61.4710, 69.9110** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **173.0820, -61.4710, -69.9110**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5020, 38.9150, 60.1870**, and **67.2590, 62.2490, 77.8410** is the 20% darker color. If you saturate the color by 10%, you get **118.0320, 70.3180, 80.2860**, and if you desaturate by 10%, it is **147.2170, 52.8990, 60.0590**.

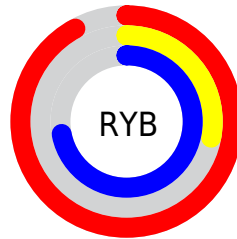
Distribution



Red (92%)

Green (28%)

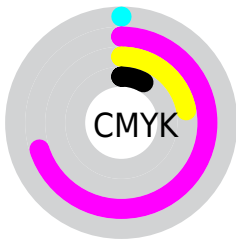
Blue (72%)



Red (92%)

Yellow (28%)

Blue (72%)

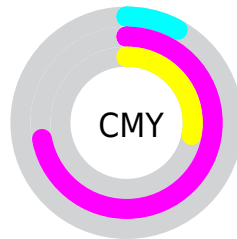


Cyan (0%)

Magenta (70%)

Yellow (22%)

Black (8%)



Cyan (8%)

Magenta (72%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.9180, 61.4710, 69.9110 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 132.9180, 61.4710, 69.9110 by changing the saturation by 10% instead.

132.9180, 61.4710,
69.9110

132.9180, 61.4710,
69.9110

255.0000, -0.0000,
-0.0000

99.1510, 62.4330,
74.5050

180.5020, 38.9150,
60.1870

67.2590, 62.2490,
77.8410

199.8220, 25.8500,
49.1620

55.6240, 53.3110,
63.6070

216.8450, 17.8750,
33.9950

44.2170, 43.7310,
49.9950

234.4550, 9.6250,
18.3050

33.2230, 34.4260,
36.9060

252.0650, 1.3750,
2.6150

22.6420, 25.3960,
24.3400

10.7080, 15.8620,

9.8940

■ 0.0000, 0.0000,
0.0000

■ 132.9180, 61.4710,
69.9110

■ 132.9180, 61.4710,
69.9110

■ 118.0320, 70.3180,
80.2860

■ 147.2170, 52.8990,
60.0590

■ 103.6190, 79.2110,
89.8270


■ 162.2170, 43.7310,
49.9950

■ 88.7330, 88.0580,
100.2020


■ 176.5160, 35.1590,
40.1430


■ 191.4020, 26.3120,
29.7680

■ 205.8150, 17.4190,
20.2270

 220.7010, 8.5720,
9.8520

 235.5870, -0.2750,
-0.5230

 247.6520, -8.0680,
-7.9720

 248.4500,
-10.3150, -5.7950

Harmonies

Analogous

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



141.7000, -5.7410, 54.5070



132.9180, 61.4710, 69.9110



123.0420, 98.7480, 60.6360

Triad

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



132.9180, 61.4710, 69.9110



127.2960, 47.0950, -44.0490



123.2060, -118.1960, -16.5320

Complementary

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



132.9180, 61.4710, 69.9110



173.0820, -61.4710, -69.9110

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.



117.0840, -98.2020, -37.4820



132.9180, 61.4710, 69.9110



113.6200, -7.3240, -65.5320

Square

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



132.9180, 61.4710, 69.9110



129.9520, 87.0710, -19.6250



107.3430, -74.9070, -57.6830



121.8160, -125.3050, -3.3290

Rectangle

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



132.9180, 61.4710, 69.9110



126.3250, 104.3000, 37.1000



107.3430, -74.9070, -57.6830



122.1000, -112.3260, -23.7980

Sweetspot

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



132.9180, 61.4710, 69.9110



221.3640, 20.3070, 22.9550



104.3470, -23.4400, 61.3920



108.0760, 12.0100, 13.6260



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.



132.9180, 61.4710, 69.9110



121.7440, 80.3570, 91.0850



123.7980, 87.1510, 45.0310



110.2010, 3.9880, 4.8200



68.3690, 67.7510, 77.2470



20.3640, 20.3070, 22.9550

Inverse Universe

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



132.9180, 61.4710, 69.9110



121.7440, 80.3570, 91.0850



182.2020, -87.1510, -45.0310



110.2010, 3.9880, 4.8200



68.3690, 67.7510, 77.2470



20.3640, 20.3070, 22.9550

Previews

White Background



This preview shows how the YIQ color 132.9180, 61.4710, 69.9110 looks on a white background.

Color Contrast Check

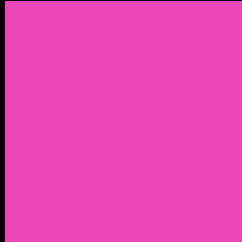
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.9180, 61.4710, 69.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

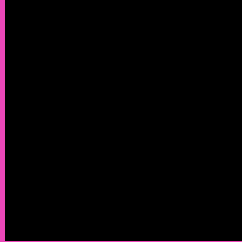
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.9180, 61.4710, 69.9110

Background



This preview shows how black text looks on a background with the YIQ color 132.9180, 61.4710, 69.9110.



This preview shows how white text looks on a background with the YIQ color 132.9180, 61.4710,

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

132.9180, 61.4710, 69.9110

Protanopia

135.6250, -55.0230, 22.5210

Deuteranopia

139.8480, -13.7110, 11.7050



Tritanopia

135.4510, 77.3420, 30.0620

Trichromacy



Original Color

132.9180, 61.4710, 69.9110



Protanomaly

134.3210, -12.5240, 39.7640



Deuteranomaly

137.1650, 13.9780, 33.0340



Tritanomaly

134.4850, 71.9750, 44.7350

Monochromacy



Original Color

132.9180, 61.4710, 69.9110



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.7280, 22.2780, 25.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.9180, 61.4710, 69.9110 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(235, 71, 184)` looks like.

```
.text, #text, p{  
    color:rgb(235, 71, 184)  
}
```

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(235, 71, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 184) }
```

Border

The CSS property to change the border of an element to YIQ 132.9180, 61.4710, 69.9110 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(235, 71, 184) }
```


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

```
.border{ border-color:rgb(235, 71, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 71, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 184);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 132.9180, 61.4710, 69.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 184) }
```

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

```
.background{ background-color: rgb(235, 71,  
184) }
```

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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