

Converting Colors

YIQ(136.0030, 68.1210, 59.5210)

Have a look what the booklet for
YIQ(136.0030, 68.1210, 59.5210)
contains.

YIQ(136.0030, 68.1210, 59.5210)	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(136.0030, 68.1210,
59.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4FA2
RGB	238, 79, 162
RGB Percent	93%, 31%, 64%
CMY	0.0662, 0.6904, 0.3645
CMYK	0.00, 0.67, 0.32, 0.07
HSL	329°, 82%, 62%
HSV	329°, 67%, 93%
XYZ	44.6142, 26.3890, 36.9491
YIQ	136.0030, 68.1210, 59.5210

Conversions

Conversions Part 2

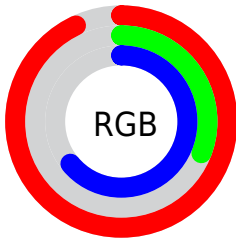
Format	Color
R _Y B	238, 79, 162
Decimal	15617954
CIE Lab	58.40, 67.87, -11.22
CIE LCh	58, 68.793, 350.615
Yxy	26.3890, 0.4133, 0.2445
Android (android.graphics.Color)	4293808034 (0xFFEE4FA2)
YUV	136.0030, 12.8165, 89.4514
Hunter-Lab	51.3702, 65.1264, -6.6864

Details

The YIQ color **136.0030, 68.1210, 59.5210** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **180.9970, -68.1210, -59.5210**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9890, 44.3730, 49.3730**, and **65.7620, 70.7780, 71.9460** is the 20% darker color. If you saturate the color by 10%, you get **120.6610, 78.2520, 68.6520**, and if you desaturate by 10%, it is **151.3450, 57.9900, 50.3900**.

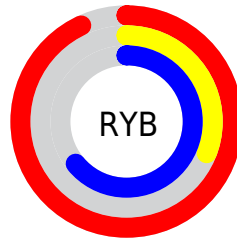
Distribution



Red (93%)

Green (31%)

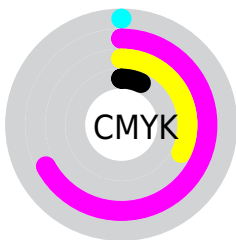
Blue (64%)



Red (93%)

Yellow (31%)

Blue (64%)

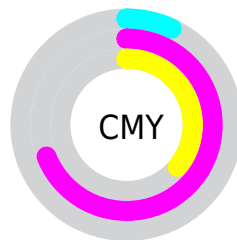


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (69%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.0030, 68.1210, 59.5210 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 136.0030, 68.1210, 59.5210 by changing the saturation by 10% instead.


 136.0030, 68.1210,
59.5210


 136.0030, 68.1210,
59.5210


255.0000, -0.0000,
-0.0000


 104.6980, 67.6620,
62.3340


 181.9890, 44.3730,
49.3730

 65.7620, 70.7780,
71.9460


 201.6170, 27.6850,
43.4370


 54.0560, 60.6020,
58.1220

 220.3670, 16.2250,
30.8570

 42.7630, 50.7010,
44.8210

 237.3900, 8.2500,
15.6900

 31.5840, 40.4790,
31.8310

 21.4160, 31.7240,
19.7880

 9.6820, 18.7510,

7.0950

■ 0.0000, 0.0000,
0.0000

■ 136.0030, 68.1210,
59.5210

■ 136.0030, 68.1210,
59.5210

■ 120.6610, 78.2520,
68.6520

■ 151.3450, 57.9900,
50.3900

■ 105.2050, 88.7040,
77.4720

■ 166.8010, 47.5380,
41.5700

■ 90.4500, 98.5600,
86.0800

■ 181.5560, 37.6820,
32.9620

■ 85.2980, 102.0440,
89.0200

■ 197.0120, 27.2300,
24.1420

■ 212.3540, 17.0990,
15.0110

227.6960, 6.9680,
5.8800

243.1520, -3.4840,
-2.9400

249.6890, -9.4900,
-4.2260

249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



143.9060, 17.0460, 54.5340



136.0030, 68.1210, 59.5210



132.1420, 91.8740, 42.0340

Triad

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



136.0030, 68.1210, 59.5210



126.6210, 35.6340, -51.1020



122.8300, -119.8930, -13.3090

Complementary

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



136.0030, 68.1210, 59.5210



180.9970, -68.1210, -59.5210

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.



119.2500, -104.3010, -31.5730



136.0030, 68.1210, 59.5210



114.1610, -36.3480, -57.1480

Square

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



136.0030, 68.1210, 59.5210



131.9130, 73.6390, -29.5050



111.5950, -84.1240, -50.3320



118.8810, -123.9300, -0.7140

Rectangle

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



136.0030, 68.1210, 59.5210



133.9130, 93.1160, 19.5160



111.5950, -84.1240, -50.3320



122.2940, -115.6280, -19.0200

Sweetspot

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



136.0030, 68.1210, 59.5210



222.3270, 21.7290, 19.2090



119.2520, -6.9350, 65.1370



108.0930, 13.3400, 11.5480



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.



136.0030, 68.1210, 59.5210



124.1940, 87.2370, 76.5250



127.1110, 93.1590, 35.2630



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Inverse Universe

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



136.0030, 68.1210, 59.5210



124.1940, 87.2370, 76.5250



189.8890, -93.1590, -35.2630



112.2720, 5.2260, 4.4100



65.9600, 78.8480, 68.8640



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 136.0030, 68.1210, 59.5210 looks on a white background.

Color Contrast Check

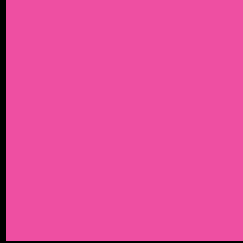
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0030, 68.1210, 59.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

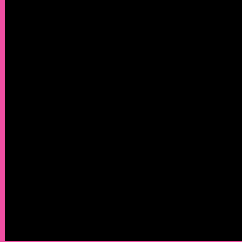
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.0030, 68.1210, 59.5210

Background



This preview shows how black text looks on a background with the YIQ color 136.0030, 68.1210, 59.5210.



This preview shows how white text looks on a background with the YIQ color 136.0030, 68.1210,

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

136.0030, 68.1210, 59.5210

Protanopia

140.6150, -31.8680, 15.8760

Deuteranopia

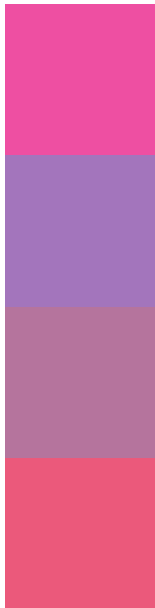
142.5260, 1.6950, 7.8310



Tritanopia

136.2450, 80.9180, 31.3340

Trichromacy



Original Color

136.0030, 68.1210, 59.5210

Protanomaly

138.8480, 4.6250, 31.8330

Deuteranomaly

140.1090, 25.5790, 26.5310

Tritanomaly

136.5300, 76.1020, 41.5260

Monochromacy



Original Color

136.0030, 68.1210, 59.5210

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.7620, 24.9380, 21.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.0030, 68.1210, 59.5210 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(238, 79, 162)` looks like.

```
.text, #text, p{  
    color:rgb(238, 79, 162)  
}
```

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(238, 79, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 79, 162) }
```

Border

The CSS property to change the border of an element to YIQ 136.0030, 68.1210, 59.5210 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(238, 79, 162) }
```


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

```
.border{ border-color:rgb(238, 79, 162) }
```

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

Here you see how a box with a 4 pixel rgb(238, 79, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 79, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 79, 162);  
box-shadow:4px 4px 4px 4px rgb(238, 79,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 136.0030, 68.1210, 59.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 79, 162) }
```

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

```
.background{ background-color: rgb(238, 79,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor