

Converting Colors

YIQ(136.8120, 76.5090, 72.7090)

Have a look what the booklet for
YIQ(136.8120, 76.5090, 72.7090)
contains.

YIQ(136.8120, 76.5090, 72.7090)	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(136.8120, 76.5090,
72.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	FF45B0
RGB	255, 69, 176
RGB Percent	100%, 27%, 69%
CMY	0.0000, 0.7297, 0.3096
CMYK	0.00, 0.73, 0.31, 0.00
HSL	325°, 100%, 64%
HSV	325°, 73%, 100%
XYZ	51.2054, 28.6435, 43.9334
YIQ	136.8120, 76.5090, 72.7090

Conversions

Conversions Part 2

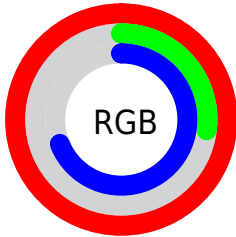
Format	Color
R_{YB}	255, 69, 176
Decimal	16729520
CIE _{Lab}	60.47, 77.25, -15.95
CIE _{LCh}	60, 78.881, 348.333
Yxy	28.6435, 0.4137, 0.2314
Android (android.graphics.Color)	4294919600 (0xFFFF45B0)
YUV	136.8120, 19.3197, 103.6509
Hunter-Lab	53.5196, 77.1222, -11.2065

Details

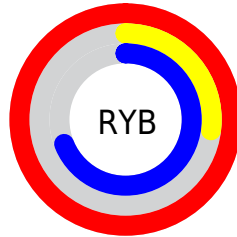
The YIQ color **136.8120, 76.5090, 72.7090** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **187.1880, -76.5090, -72.7090**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1770, 41.2080, 57.1760**, and **71.7290, 75.5450, 79.1690** is the 20% darker color. If you saturate the color by 10%, you get **120.2960, 87.1900, 82.8860**, and if you desaturate by 10%, it is **152.7410, 66.1030, 63.0550**.

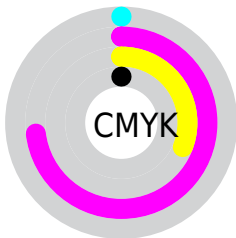
Distribution



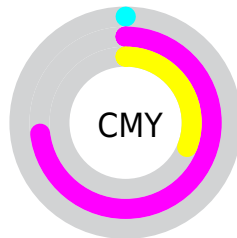
- Red (100%)
- Green (27%)
- Blue (69%)



- Red (100%)
- Yellow (27%)
- Blue (69%)



- Cyan (0%)
- Magenta (73%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.8120, 76.5090, 72.7090 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 136.8120, 76.5090, 72.7090 by changing the saturation by 10% instead.


 136.8120, 76.5090,
72.7090


 136.8120, 76.5090,
72.7090


255.0000, -0.0000,
-0.0000


 99.8110, 78.2500,
79.7060


 180.1770, 41.2080,
57.1760

 71.7290, 75.5450,
79.1690


 200.4090, 25.5750,
48.6390

 60.0230, 65.3690,
65.3450


 218.0190, 17.3250,
32.9490

 48.6160, 55.7890,
51.7330

 235.6290, 9.0750,
17.2590

 37.0240, 45.2920,
38.2200

 253.2390, 0.8250,
1.5690

 26.5570, 35.9410,
25.9650

 14.2810, 27.3700,

10.5860

■ 0.0000, 0.0000,
0.0000

■ 136.8120, 76.5090,
72.7090

■ 136.8120, 76.5090,
72.7090

■ 120.2960, 87.1900,
82.8860

■ 152.7410, 66.1030,
63.0550

■ 104.3670, 97.5960,
92.5400

■ 169.2570, 55.4220,
52.8780

■ 93.0030, 104.7930,
99.7770

■ 185.1860, 45.0160,
43.2240

■ 201.5880, 34.6560,
32.7360

■ 217.5170, 24.2500,
23.0820

234.0330, 13.5690,
12.9050

249.9620, 3.1630,
3.2510

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.



148.6810, 13.6060, 61.8140



136.8120, 76.5090, 72.7090



127.7720, 99.2080, 52.2960

Triad

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



136.8120, 76.5090, 72.7090



131.6490, 38.4310, -52.2330



129.9370, -127.5040, -13.0400

Complementary

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



136.8120, 76.5090, 72.7090



187.1880, -76.5090, -72.7090

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.



125.3310, -109.0230, -34.1030



136.8120, 76.5090, 72.7090



112.8580, -40.2890, -68.3290

Square

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



136.8120, 76.5090, 72.7090



137.2730, 81.4330, -27.5830



115.8350, -85.0400, -55.7600



124.1640, -126.4050, -5.4210

Rectangle

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



136.8120, 76.5090, 72.7090



135.0830, 107.5570, 27.6290



115.8350, -85.0400, -55.7600



129.0590, -122.2760, -19.6840

Sweetspot

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



136.8120, 76.5090, 72.7090



219.3920, 23.1040, 21.8240



113.2270, -13.8140, 74.1700



106.3320, 14.1650, 13.1170



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.



136.8120, 76.5090, 72.7090



112.6820, 92.0950, 87.6070



126.3240, 106.0410, 44.0970



119.6850, 5.5010, 4.9330



69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Inverse Universe

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



136.8120, 76.5090, 72.7090



112.6820, 92.0950, 87.6070



197.5620, -105.7200, -44.4080



119.6850, 5.5010, 4.9330



69.6490, 78.5260, 74.7020



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 136.8120, 76.5090, 72.7090 looks on a white background.

Color Contrast Check

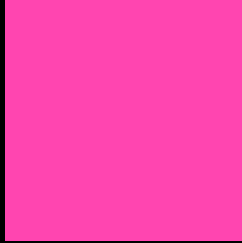
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8120, 76.5090, 72.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

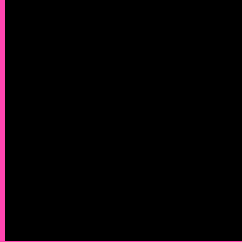
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8120, 76.5090, 72.7090

Background



This preview shows how black text looks on a background with the YIQ color 136.8120, 76.5090, 72.7090.



This preview shows how white text looks on a background with the YIQ color 136.8120, 76.5090,

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

136.8120, 76.5090, 72.7090

Protanopia

144.1330, -44.8900, 20.5980

Deuteranopia

147.4270, -2.3400, 9.3720



Tritanopia

138.9260, 92.2420, 35.3620

Trichromacy



Original Color

136.8120, 76.5090, 72.7090



Protanomaly

141.3670, -0.9700, 39.6220



Deuteranomaly

143.3960, 26.4490, 32.7930



Tritanomaly

138.1340, 86.3250, 48.9890

Monochromacy



Original Color

136.8120, 76.5090, 72.7090



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.7780, 28.0090, 26.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8120, 76.5090, 72.7090 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, 69, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 176)  
}
```

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, 69, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 176) }
```

Border

The CSS property to change the border of an element to YIQ 136.8120, 76.5090, 72.7090 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, 69, 176) }
```


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

```
.border{ border-color:rgb(255, 69, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 69, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8120, 76.5090, 72.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 176) }
```

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

```
.background{ background-color: rgb(255, 69,  
176) }
```

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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