

Converting Colors

YIQ(136.8820, 45.0980, 96.8260)

Have a look what the booklet for
YIQ(136.8820, 45.0980, 96.8260)
contains.

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Color

**YIQ(136.8820, 45.0980,
96.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	F03EFC
RGB	240, 62, 252
RGB Percent	94%, 24%, 99%
CMY	0.0583, 0.7571, 0.0117
CMYK	0.05, 0.75, 0.00, 0.01
HSL	296°, 97%, 62%
HSV	296°, 75%, 99%
XYZ	55.2727, 29.0154, 94.7895
YIQ	136.8820, 45.0980, 96.8260

Conversions

Conversions Part 2

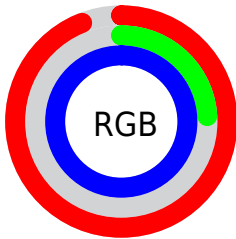
Format	Color
R _{YB}	240, 62, 252
Decimal	15744764
CIE _{Lab}	60.80, 86.33, -58.56
CIE _{LCh}	61, 104.319, 325.848
Yxy	29.0154, 0.3087, 0.1620
Android (android.graphics.Color)	4293934844 (0xFFFF03EFC)
YUV	136.8820, 56.7532, 90.4345
Hunter-Lab	53.8660, 88.8961, -66.6282

Details

The YIQ color $136.8820, 45.0980, 96.8260$ is a light color, and the websafe version is hex $FF33FF$. The color can be described as light washed magenta. A complement of this color would be $177.1180, -45.0980, -96.8260$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $180.4510, 34.9250, 66.4210$, and $75.7510, 44.0890, 98.5930$ is the 20% darker color. If you saturate the color by 10%, you get $121.9080, 51.3770, 109.6890$, and if you desaturate by 10%, it is $152.1550, 39.4150, 84.1750$.

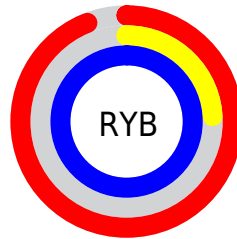
Distribution



Red (94%)

Green (24%)

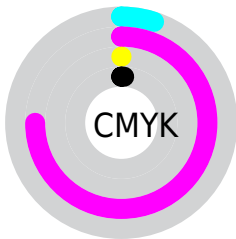
Blue (99%)



Red (94%)

Yellow (24%)

Blue (99%)

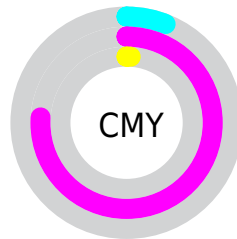


Cyan (5%)

Magenta (75%)

Yellow (0%)

Black (1%)



Cyan (6%)


Magenta (76%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.8820, 45.0980, 96.8260 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 136.8820, 45.0980, 96.8260 by changing the saturation by 10% instead.


 136.8820, 45.0980,
96.8260


 136.8820, 45.0980,
96.8260


255.0000, -0.0000,
-0.0000


 91.1470, 52.2020,
111.2580


 179.8640, 35.2000,
66.9440


 76.0500, 44.6850,
98.8050


 198.0610, 26.6750,
50.7310


 63.8880, 35.7930,
83.7370


 215.6710, 18.4250,
35.0410

 52.1390, 27.1760,
69.1920

 233.2810, 10.1750,
19.3510

 40.0910, 17.9630,
54.4350

 251.4780, 1.6500,
3.1380

 29.1680, 9.8960,
40.9360

 16.8640, -1.4720,

26.6880

■ 4.5600, -12.8400,
12.4400

■ 2.6390, -6.0530,
5.0750

■ 136.8820, 45.0980,
96.8260

■ 136.8820, 45.0980,
96.8260

■ 121.9080, 51.3770,
109.6890

■ 152.1550, 39.4150,
84.1750

■ 106.6350, 57.0600,
122.3400

■ 167.1290, 33.1360,
71.3120

■ 99.2920, 59.7640,
128.4040

■ 182.9890, 27.1780,
58.1380

■ 197.9630, 20.8990,
45.2750

■ 213.2360, 15.2160,
32.6240

■ 228.5090, 9.5330,
19.9730

■ 243.4830, 3.2540,
7.1100

■ 254.0600, -0.2290,
-1.3570

■ 254.3590, 0.3670,
-1.1450

Harmonies

Analogous

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



128.4250, -68.7790, 29.5330



136.8820, 45.0980, 96.8260



94.9410, 99.3360, 105.0640

Triad

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



136.8820, 45.0980, 96.8260



138.1040, 74.4190, -32.6290



133.6580, -122.8250, -26.2570

Complementary

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



136.8820, 45.0980, 96.8260



177.1180, -45.0980, -96.8260

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.



121.7680, -92.1010, -54.4450



136.8820, 45.0980, 96.8260



125.8690, 13.9040, -64.7840

Square

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



136.8820, 45.0980, 96.8260



130.8360, 126.4050, 5.4210



105.6090, -53.4900, -87.9060



134.7300, -131.3550, -14.8350

Rectangle

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



136.8820, 45.0980, 96.8260



87.9870, 118.9170, 86.0930



105.6090, -53.4900, -87.9060



130.2380, -113.1950, -35.5870

Sweetspot

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



136.8820, 45.0980, 96.8260



219.1710, 13.8410, 30.0090



91.2910, -64.5650, 52.2910



105.9710, 8.1120, 18.1920



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.



136.8820, 45.0980, 96.8260



114.6300, 55.4560, 118.3680



131.1220, 78.5720, 73.8680



117.0700, 2.9790, 6.5870



74.4690, 44.8230, 96.3030



23.9970, 14.3910, 31.0550

Inverse Universe

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



120.1780, 109.3880, 44.0120



93.9640, 133.7780, 53.5380



182.8780, -78.5720, -73.8680



116.0010, 7.4270, 3.0670



57.8790, 108.7920, 43.8000



18.6950, 35.0720, 14.1760

Previews

White Background



This preview shows how the YIQ color 136.8820, 45.0980, 96.8260 looks on a white background.

Color Contrast Check

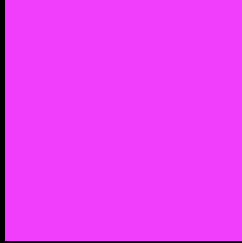
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8820, 45.0980, 96.8260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

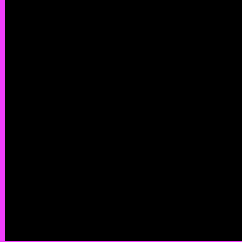
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8820, 45.0980, 96.8260

Background



This preview shows how black text looks on a background with the YIQ color 136.8820, 45.0980, 96.8260.



This preview shows how white text looks on a background with the YIQ color 136.8820, 45.0980,

96.8260.

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

136.8820, 45.0980, 96.8260

Protanopia

141.1170, -65.1560, 24.4440

Deuteranopia

140.4450, -63.5040, 16.5280



Tritanopia

145.6990, 64.7800, 26.4440

Trichromacy



Original Color

136.8820, 45.0980, 96.8260

Protanomaly

139.8270, -25.2720, 50.5360

Deuteranomaly

139.2630, -23.8040, 45.9560

Tritanomaly

142.3990, 57.8980, 52.0580

Monochromacy



Original Color

136.8820, 45.0980, 96.8260

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.3010, 16.5910, 35.2390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8820, 45.0980, 96.8260 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(240, 62, 252)` looks like.

```
.text, #text, p{  
    color:rgb(240, 62, 252)  
}
```

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(240, 62, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 62, 252) }
```

Border

The CSS property to change the border of an element to YIQ 136.8820, 45.0980, 96.8260 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(240, 62, 252) }
```


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

```
.border{ border-color:rgb(240, 62, 252) }
```

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

Here you see how a box with a 4 pixel rgb(240, 62, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 62, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 62, 252);  
box-shadow:4px 4px 4px 4px rgb(240, 62,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8820, 45.0980, 96.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 62, 252) }
```

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

```
.background{ background-color: rgb(240, 62,  
252) }
```

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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