

Converting Colors

YIQ(89.6500, 112.3160, 79.0680)

Have a look what the booklet for
YIQ(89.6500, 112.3160, 79.0680)
contains.

YIQ(89.6500, 112.3160, 79.0680)	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(89.6500, 112.3160,
79.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	F60864
RGB	246, 8, 100
RGB Percent	96%, 3%, 39%
CMY	0.0347, 0.9688, 0.6075
CMYK	0.00, 0.97, 0.59, 0.03
HSL	337°, 94%, 50%
HSV	337°, 97%, 97%
XYZ	40.4525, 20.7150, 13.9472
YIQ	89.6500, 112.3160, 79.0680

Conversions

Conversions Part 2

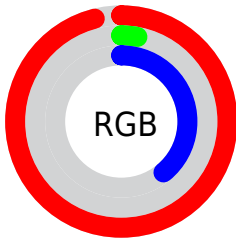
Format	Color
R_{YB}	246, 8, 100
Decimal	16124004
CIE Lab	52.64, 80.26, 17.52
CIE LCh	53, 82.146, 12.315
Yxy	20.7150, 0.5385, 0.2758
Android (android.graphics.Color)	4294314084 (0xFFFF60864)
YUV	89.6500, 5.1025, 137.1189
Hunter-Lab	45.5138, 79.0009, 13.6909

Details

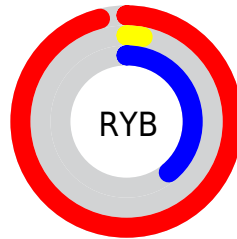
The YIQ color **89.6500, 112.3160, 79.0680** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **164.3500, -112.3160, -79.0680**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.8710, 76.8800, 49.4560**, and **60.5740, 91.1380, 55.3780** is the 20% darker color. If you saturate the color by 10%, you get **84.3840, 116.1210, 81.6970**, and if you desaturate by 10%, it is **106.0350, 100.6260, 70.6580**.

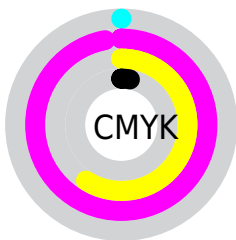
Distribution



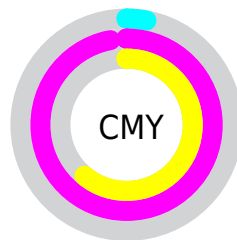
- Red (96%)
- Green (3%)
- Blue (39%)



- Red (96%)
- Yellow (3%)
- Blue (39%)



- Cyan (0%)
- Magenta (97%)
- Yellow (59%)
- Black (3%)





- Cyan (3%)
- Magenta (97%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.6500, 112.3160, 79.0680 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 89.6500, 112.3160, 79.0680 by changing the saturation by 10% instead.


 89.6500, 112.3160,
79.0680


 89.6500, 112.3160,
79.0680


255.0000, -0.0000,
-0.0000


 72.7640, 102.8270,
69.3150


 150.8710, 76.8800,
49.4560


 60.5740, 91.1380,
55.3780


 172.7330, 59.4130,
41.1170

 48.7260, 78.4860,
42.3740


 193.4210, 42.4960,
33.8240

 36.9490, 67.0720,
28.9600

 214.8100, 24.9830,
26.3190

 26.7680, 51.1640,
19.9000

 235.0420, 9.3500,
17.7820

 16.9720, 32.7340,
12.4940

 253.2390, 0.8250,

 4.1860, 8.3440,

1.5690

2.9680

■ 0.0000, 0.0000,
0.0000

■ 89.6500, 112.3160,
79.0680

■ 89.6500, 112.3160,
79.0680

■ 84.3840, 116.1210,
81.6970

■ 106.0350,
100.6260, 70.6580

■ 121.8330, 89.2110,
62.7710

■ 138.2180, 77.5210,
54.3610

■ 154.0160, 66.1060,
46.4740

■ 170.5150, 54.0950,
38.3750

■ 186.9000, 42.4050,
29.9650

■ 202.6980, 30.9900,
22.0780

■ 219.0830, 19.3000,
13.6680

■ 235.4680, 7.6100,
5.2580

Harmonies

Analogous

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



109.8580, 70.8680, 81.3320



89.6500, 112.3160, 79.0680



111.2200, 108.4290, 22.8370

Triad

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



89.6500, 112.3160, 79.0680



94.0740, -23.4620, -70.4220



114.1850, -121.7300, 3.4700

Complementary

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



89.6500, 112.3160, 79.0680



164.3500, -112.3160, -79.0680

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.



115.4780, -112.9700, -12.1220



89.6500, 112.3160, 79.0680



98.9310, -67.7550, -55.1390

Square

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



89.6500, 112.3160, 79.0680



115.1580, 38.7960, -42.3240



108.5410, -92.0590, -33.1710



102.4450, -116.2300, 13.9300

Rectangle

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



89.6500, 112.3160, 79.0680



116.1630, 94.2670, -6.8610



108.5410, -92.0590, -33.1710



116.0770, -121.5460, 0.1340

Sweetspot

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



89.6500, 112.3160, 79.0680



206.4320, 34.7950, 24.7070



77.8890, 8.8300, 104.3340



98.3930, 21.3630, 14.8270



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.



89.6500, 112.3160, 79.0680



87.5310, 120.2010, 84.8490



93.2500, 135.2480, 37.9040



114.1580, 5.5470, 4.0990



63.8220, 87.7440, 61.8240



20.2630, 27.7810, 19.6610

Inverse Universe

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



89.6500, 112.3160, 79.0680



87.5310, 120.2010, 84.8490



160.7500, -135.2480, -37.9040



114.1580, 5.5470, 4.0990



63.8220, 87.7440, 61.8240



20.2630, 27.7810, 19.6610

Previews

White Background



This preview shows how the YIQ color 89.6500, 112.3160, 79.0680 looks on a white background.

Color Contrast Check

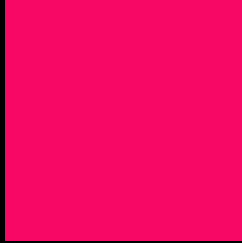
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.6500, 112.3160, 79.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

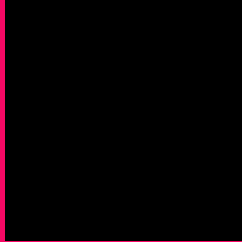
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 89.6500, 112.3160, 79.0680

Background



This preview shows how black text looks on a background with the YIQ color 89.6500, 112.3160, 79.0680.



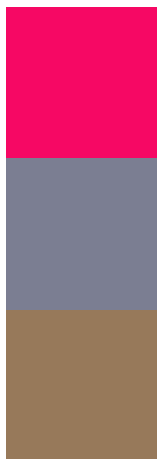
This preview shows how white text looks on a background with the YIQ color 89.6500, 112.3160,

79.0680.

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

89.6500, 112.3160, 79.0680

Protanopia

127.3830, -8.2080, 5.5840

Deuteranopia

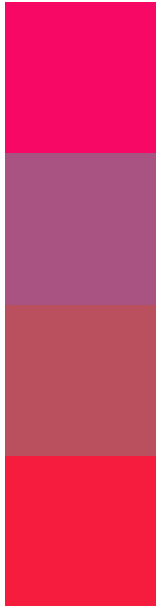
126.4360, 27.8310, -3.2810



Tritanopia

100.8820, 121.9050, 42.9370

Trichromacy



Original Color

89.6500, 112.3160, 79.0680

Protanomaly

113.6590, 35.8940, 32.3260

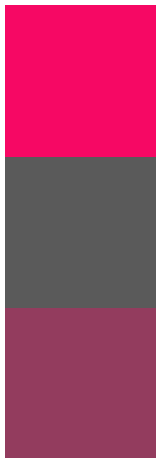
Deuteranomaly

113.2900, 58.6820, 26.8260

Tritanomaly

96.6450, 118.7390, 56.2670

Monochromacy



Original Color

89.6500, 112.3160, 79.0680

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.8890, 40.9380, 29.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.6500, 112.3160, 79.0680 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(246, 8, 100)` looks like.

```
.text, #text, p{  
    color:rgb(246, 8, 100)  
}
```

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(246, 8, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 8, 100) }
```

Border

The CSS property to change the border of an element to YIQ 89.6500, 112.3160, 79.0680 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(246, 8, 100) }
```


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

```
.border{ border-color:rgb(246, 8, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 8, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 8, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 8, 100);  
box-shadow:4px 4px 4px 4px rgb(246, 8,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 89.6500, 112.3160, 79.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 8, 100) }
```

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

```
.background{ background-color: rgb(246, 8,  
100) }
```

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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