

Converting Colors

YIQ(89.2640, 64.9940, 110.7060)

Have a look what the booklet for
YIQ(89.2640, 64.9940, 110.7060)
contains.

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Color

**YIQ(89.2640, 64.9940,
110.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	DC00CE
RGB	220, 0, 206
RGB Percent	86%, 0%, 81%
CMY	0.1366, 0.9999, 0.1921
CMYK	0.00, 1.00, 0.06, 0.14
HSL	304°, 100%, 43%
HSV	304°, 100%, 86%
XYZ	40.7092, 19.6990, 60.0652
YIQ	89.2640, 64.9940, 110.7060

Conversions

Conversions Part 2

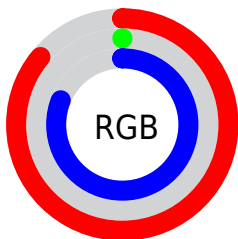
Format	Color
R_{YB}	220, 0, 206
Decimal	14418126
CIE _{Lab}	51.50, 85.97, -47.66
CIE _{LCh}	51, 98.294, 330.998
Yxy	19.6990, 0.3379, 0.1635
Android (android.graphics.Color)	4292608206 (0xFFDC00CE)
YUV	89.2640, 57.5508, 114.6555
Hunter-Lab	44.3836, 86.0510, -49.1698

Details

The YIQ color **89.2640, 64.9940, 110.7060** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **130.7360, -64.9940, -110.7060**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.6670, 43.7250, 83.1570**, and **65.0540, 46.8890, 80.8810** is the 20% darker color. If you saturate the color by 10%, you get **89.2640, 64.9940, 110.7060**, and if you desaturate by 10%, it is **102.2920, 58.6230, 99.5110**.

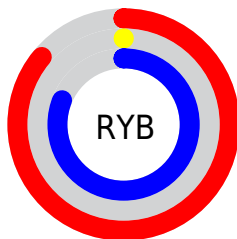
Distribution



Red (86%)

Green (0%)

Blue (81%)



Red (86%)

Yellow (0%)

Blue (81%)

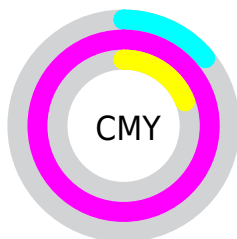


Cyan (0%)

Magenta (100%)

Yellow (6%)

Black (14%)



Cyan (14%)


Magenta (100%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.2640, 64.9940, 110.7060 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 89.2640, 64.9940, 110.7060 by changing the saturation by 10% instead.


 89.2640, 64.9940,
110.7060


 89.2640, 64.9940,
110.7060


255.0000, -0.0000,
-0.0000


 77.1020, 56.1020,
95.6380


 161.6670, 43.7250,
83.1570


 65.0540, 46.8890,
80.8810


 180.4510, 34.9250,
66.4210

 53.3050, 38.2720,
66.3360

 198.0610, 26.6750,
50.7310

 41.7840, 29.0130,
52.4130

 216.2580, 18.1500,
34.5180

 30.5620, 20.3500,
38.7020

 233.8680, 9.9000,
18.8280

 18.9700, 9.8530,
25.1890

 252.0650, 1.3750,

 3.1920, -8.9880,

2.6150

8.7080

■ 0.0000, 0.0000,
0.0000

■ 89.2640, 64.9940,
110.7060

■ 102.2920, 58.6230,
99.5110

■ 115.4340, 51.9310,
88.6270

■ 128.4620, 45.5600,
77.4320

■ 141.6040, 38.8680,
66.5480

■ 154.6320, 32.4970,
55.3530

■ 167.7740, 25.8050,
44.4690

■ 180.8020, 19.4340,
33.2740

■ 193.8300, 13.0630,
22.0790

■ 206.9720, 6.3710,
11.1950

Harmonies

Analogous

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



116.7950, -48.6090, 49.4630



89.2640, 64.9940, 110.7060



90.3810, 112.1760, 92.6240

Triad

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



89.2640, 64.9940, 110.7060



114.9800, 54.3370, -32.1190



115.2840, -109.6680, -16.9000

Complementary

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



89.2640, 64.9940, 110.7060



130.7360, -64.9940, -110.7060

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.



105.0070, -82.1080, -42.8120



89.2640, 64.9940, 110.7060



99.2120, -5.9950, -62.0830

Square

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



89.2640, 64.9940, 110.7060



111.2230, 103.2060, 1.8460



91.6010, -49.8710, -70.8870



117.7070, -123.3800, 0.3320

Rectangle

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



89.2640, 64.9940, 110.7060



84.2250, 129.5100, 75.8300



91.6010, -49.8710, -70.8870



112.2060, -101.0010, -25.2970

Sweetspot

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



89.2640, 64.9940, 110.7060



209.8180, 22.5050, 38.1930



28.3690, -64.0640, 70.7520



100.6560, 13.6130, 23.1250



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.



89.2640, 64.9940, 110.7060



103.4910, 75.2610, 128.3890



77.0660, 99.3410, 77.4290



103.4290, 3.3460, 5.4420



70.1950, 51.1060, 87.0580



18.6560, 13.6130, 23.1250

Inverse Universe

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



89.2640, 64.9940, 110.7060



103.4910, 75.2610, 128.3890



142.9340, -99.3410, -77.4290



103.4290, 3.3460, 5.4420



70.1950, 51.1060, 87.0580



18.6560, 13.6130, 23.1250

Previews

White Background



This preview shows how the YIQ color 89.2640, 64.9940, 110.7060 looks on a white background.

Color Contrast Check

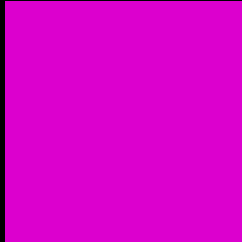
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.2640, 64.9940, 110.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

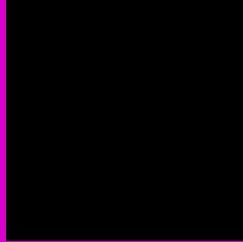
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 89.2640, 64.9940, 110.7060

Background



This preview shows how black text looks on a background with the YIQ color 89.2640, 64.9940, 110.7060.



This preview shows how white text looks on a background with the YIQ color 89.2640, 64.9940,

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

89.2640, 64.9940, 110.7060

Deuteranopia

121.2160, -43.9260, 14.1380

Tritanopia

119.5430, 74.0870, 28.4790

Trichromacy



Original Color

89.2640, 64.9940, 110.7060

Deuteranomaly

109.6090, -4.2270, 49.0930

Tritanomaly

108.7320, 70.3220, 58.1780

Monochromacy



Original Color

89.2640, 64.9940, 110.7060

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.4700, 23.6050, 40.2850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.2640, 64.9940, 110.7060 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(220, 0, 206)` looks like.

```
.text, #text, p{  
    color:rgb(220, 0, 206)  
}
```

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(220, 0, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 0, 206) }
```

Border

The CSS property to change the border of an element to YIQ 89.2640, 64.9940, 110.7060 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(220, 0, 206) }
```

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

```
.border{ border-color:rgb(220, 0, 206) }
```

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

Here you see how a box with a 4 pixel rgb(220, 0, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 0, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 0, 206);  
box-shadow:4px 4px 4px 4px rgb(220, 0,  
206) }
```


Background

The CSS property to change the background color of an element to YIQ 89.2640, 64.9940, 110.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 0, 206) }
```

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

```
.background{ background-color: rgb(220, 0,  
206) }
```

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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