

Converting Colors

YIQ(86.1440, 56.2840, 103.3560)

Have a look what the booklet for
YIQ(86.1440, 56.2840, 103.3560)
contains.

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Color

**YIQ(86.1440, 56.2840,
103.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	CC04C8
RGB	204, 4, 200
RGB Percent	80%, 2%, 78%
CMY	0.1994, 0.9845, 0.2156
CMYK	0.00, 0.98, 0.02, 0.20
HSL	301°, 96%, 41%
HSV	301°, 98%, 80%
XYZ	35.4136, 17.1149, 56.0918
YIQ	86.1440, 56.2840, 103.3560

Conversions

Conversions Part 2

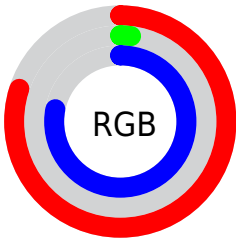
Format	Color
RYB	204, 4, 200
Decimal	13370568
CIELab	48.40, 82.18, -49.29
CIElCh	48, 95.829, 329.048
Yxy	17.1149, 0.3260, 0.1576
Android (android.graphics.Color)	4291560648 (0xFFCC04C8)
YUV	86.1440, 56.1310, 103.3597
Hunter-Lab	41.3702, 80.4013, -51.4292

Details

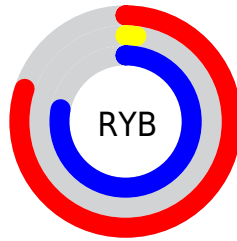
The YIQ color **86.1440, 56.2840, 103.3560** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **121.8560, -56.2840, -103.3560**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **160.4930, 44.2750, 84.2030**, and **59.8850, 39.8750, 75.8350** is the 20% darker color. If you saturate the color by 10%, you get **83.7960, 57.3840, 105.4480**, and if you desaturate by 10%, it is **97.8840, 50.7840, 92.8960**.

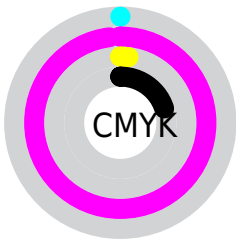
Distribution



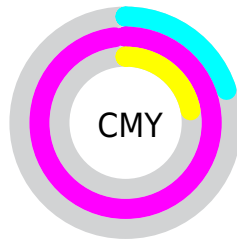
- Red (80%)
- Green (2%)
- Blue (78%)



- Red (80%)
- Yellow (2%)
- Blue (78%)



- Cyan (0%)
- Magenta (98%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (98%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 86.1440, 56.2840, 103.3560 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 86.1440, 56.2840, 103.3560 by changing the saturation by 10% instead.


 86.1440, 56.2840,
103.3560


 86.1440, 56.2840,
103.3560


255.0000, -0.0000,
-0.0000


 71.6340, 48.4920,
90.3800


 160.4930, 44.2750,
84.2030


 59.8850, 39.8750,
75.8350


 178.1030, 36.0250,
68.5130


 48.2500, 30.9370,
61.6010


 195.7130, 27.7750,
52.8230

 36.6150, 21.9990,
47.3670

 213.3230, 19.5250,
37.1330

 26.1050, 14.2070,
34.3910

 230.9330, 11.2750,
21.4430

 14.2140, 3.1140,
20.6660

 249.1300, 2.7500,

 3.3230, -7.9790,

5.2300

6.9410

■ 0.0000, 0.0000,
0.0000

■ 86.1440, 56.2840,
103.3560

■ 86.1440, 56.2840,
103.3560

■ 83.7960, 57.3840,
105.4480

■ 97.8840, 50.7840,
92.8960

■ 110.3250, 44.6880,
82.2240

■ 122.0650, 39.1880,
71.7640

■ 134.5060, 33.0920,
61.0920

■ 146.2460, 27.5920,
50.6320

■ 158.1000, 21.7710,
40.4830

■ 170.4270, 15.9960,
29.5000

■ 182.1670, 10.4960,
19.0400

■ 194.6080, 4.4000,
8.3680

Harmonies

Analogous

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



107.2710, -61.8130, 46.4670



86.1440, 56.2840, 103.3560



87.3480, 107.7750, 89.7830

Triad

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



86.1440, 56.2840, 103.3560



108.5010, 54.4280, -28.2600



107.7040, -102.1030, -16.3350

Complementary

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



86.1440, 56.2840, 103.3560



121.8560, -56.2840, -103.3560

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.



97.6550, -75.1850, -41.6250



86.1440, 56.2840, 103.3560



94.5270, -2.3280, -56.9520

Square

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



86.1440, 56.2840, 103.3560



102.3740, 101.4630, 5.9030



83.5650, -41.0220, -71.5660



113.0110, -121.1800, 4.5160

Rectangle

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



86.1440, 56.2840, 103.3560



81.7190, 125.0630, 73.8230



83.5650, -41.0220, -71.5660



104.6260, -93.4360, -24.7320

Sweetspot

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



86.1440, 56.2840, 103.3560



211.3340, 20.9920, 38.0800



27.6970, -62.4120, 62.8360



101.4710, 12.6960, 23.2240



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.



86.1440, 56.2840, 103.3560



104.7450, 71.7300, 131.8100



74.8580, 88.0630, 72.5670



96.1300, 2.7500, 5.2300



68.1020, 46.9340, 85.5740



15.5800, 10.7710, 19.5630

Inverse Universe

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



86.1440, 56.2840, 103.3560



104.7450, 71.7300, 131.8100



133.1420, -88.0630, -72.5670



96.1300, 2.7500, 5.2300



68.1020, 46.9340, 85.5740



15.5800, 10.7710, 19.5630

Previews

White Background



This preview shows how the YIQ color 86.1440, 56.2840, 103.3560 looks on a white background.

Color Contrast Check

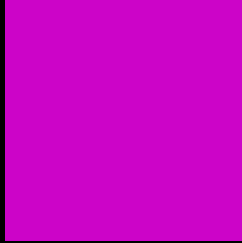
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 86.1440, 56.2840, 103.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

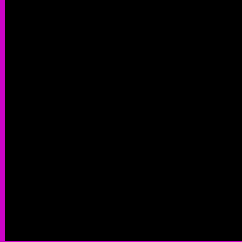
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.1440, 56.2840, 103.3560

Background



This preview shows how black text looks on a background with the YIQ color 86.1440, 56.2840, 103.3560.



This preview shows how white text looks on a background with the YIQ color 86.1440, 56.2840,

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

86.1440, 56.2840, 103.3560

Protanopia

92.8760, -107.1980, 15.4420

Deuteranopia

112.2370, -48.4190, 12.9650



Tritanopia

113.3570, 65.7430, 25.5110

Trichromacy



Original Color

86.1440, 56.2840, 103.3560



Protanomaly

90.5130, -47.8750, 47.1730



Deuteranomaly

102.6790, -10.4160, 45.6160



Tritanomaly

103.4920, 62.0700, 53.5420

Monochromacy



Original Color

86.1440, 56.2840, 103.3560



Achromatopsia

86.0000, -0.0000, -0.0000



Achromatomaly

85.9210, 20.7170, 37.5570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.1440, 56.2840, 103.3560 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(204, 4, 200)` looks like.

```
.text, #text, p{  
    color:rgb(204, 4, 200)  
}
```

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(204, 4, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 4, 200) }
```

Border

The CSS property to change the border of an element to YIQ 86.1440, 56.2840, 103.3560 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(204, 4, 200) }
```


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

```
.border{ border-color:rgb(204, 4, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 4, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 4, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 4, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 4,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 86.1440, 56.2840, 103.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 4, 200) }
```

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

```
.background{ background-color: rgb(204, 4,  
200) }
```

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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