

Converting Colors

YIQ(91.0780, 56.6500, 107.7380)

Have a look what the booklet for
YIQ(91.0780, 56.6500, 107.7380)
contains.

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Color

**YIQ(91.0780, 56.6500,
107.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	D406D4
RGB	212, 6, 212
RGB Percent	83%, 2%, 83%
CMY	0.1680, 0.9767, 0.1686
CMYK	0.00, 0.97, 0.00, 0.17
HSL	300°, 95%, 43%
HSV	300°, 97%, 83%
XYZ	39.1468, 18.9032, 63.8838
YIQ	91.0780, 56.6500, 107.7380

Conversions

Conversions Part 2

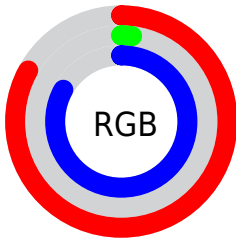
Format	Color
RYB	212, 6, 212
Decimal	13895380
CIELab	50.57, 85.06, -52.65
CIELCh	51, 100.032, 328.242
Yxy	18.9032, 0.3210, 0.1550
Android (android.graphics.Color)	4292085460 (0xFFD406D4)
YUV	91.0780, 59.6145, 106.0486
Hunter-Lab	43.4778, 84.6329, -56.6829

Details

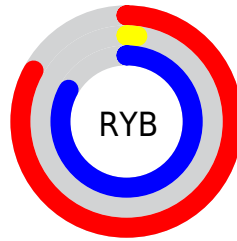
The YIQ color **91.0780, 56.6500, 107.7380** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **126.9220, -56.6500, -107.7380**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.6670, 43.7250, 83.1570**, and **63.2320, 40.5160, 80.7400** is the 20% darker color. If you saturate the color by 10%, you get **87.5560, 58.3000, 110.8760**, and if you desaturate by 10%, it is **103.4050, 50.8750, 96.7550**.

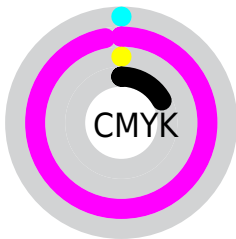
Distribution



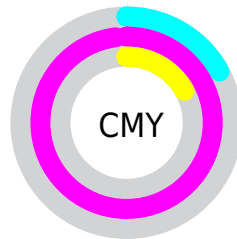
- Red (83%)
- Green (2%)
- Blue (83%)



- Red (83%)
- Yellow (2%)
- Blue (83%)



- Cyan (0%)
- Magenta (97%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (98%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.0780, 56.6500, 107.7380 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 91.0780, 56.6500, 107.7380 by changing the saturation by 10% instead.

91.0780, 56.6500,
107.7380

91.0780, 56.6500,
107.7380

255.0000, -0.0000,
-0.0000

75.3940, 49.4080,
95.8080

161.6670, 43.7250,
83.1570

63.5310, 41.1120,
80.9520

179.8640, 35.2000,
66.9440

51.5970, 31.5780,
66.5060

198.0610, 26.6750,
50.7310

39.9620, 22.6400,
52.2720

215.6710, 18.4250,
35.0410

29.3380, 15.1690,
38.9850

233.2810, 10.1750,
19.3510

17.3330, 4.3970,
24.9490

251.4780, 1.6500,

4.2350, -10.5470,

3.1380

9.4290

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 91.0780, 56.6500,
107.7380

■ 91.0780, 56.6500,
107.7380

■ 87.5560, 58.3000,
110.8760

■ 103.4050, 50.8750,
96.7550

■ 115.7320, 45.1000,
85.7720

■ 128.6460, 39.0500,
74.2660

■ 140.9730, 33.2750,
63.2830

■ 153.3000, 27.5000,
52.3000

■ 165.6270, 21.7250,
41.3170

■ 177.9540, 15.9500,
30.3340

■ 190.8680, 9.9000,
18.8280

■ 203.1950, 4.1250,
7.8450

Harmonies

Analogous

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



108.9990, -67.0390, 42.0570



91.0780, 56.6500, 107.7380



91.0650, 110.2500, 94.4900

Triad

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



91.0780, 56.6500, 107.7380



113.2410, 58.0960, -28.6560



112.6110, -106.2750, -17.8190

Complementary

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



91.0780, 56.6500, 107.7380



126.9220, -56.6500, -107.7380

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.



102.1060, -78.0730, -44.3530



91.0780, 56.6500, 107.7380



99.5440, -0.9980, -59.0300

Square

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



91.0780, 56.6500, 107.7380



106.8370, 107.4690, 7.1890



86.8760, -40.7000, -77.4040



117.1200, -123.1050, 0.8550

Rectangle

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



91.0780, 56.6500, 107.7380



84.6810, 128.2260, 77.0740



86.8760, -40.7000, -77.4040



109.4190, -97.2870, -26.5270

Sweetspot

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



91.0780, 56.6500, 107.7380



211.5620, 20.3500, 38.7020



29.4840, -66.1260, 64.0660



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.



91.0780, 56.6500, 107.7380



105.3150, 70.1250, 133.3650



79.3360, 89.7130, 75.7050



100.5430, 3.0250, 5.7530



70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Inverse Universe

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



91.0780, 56.6500, 107.7380



105.3150, 70.1250, 133.3650



138.6640, -89.7130, -75.7050



100.5430, 3.0250, 5.7530



70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Previews

White Background



This preview shows how the YIQ color 91.0780, 56.6500, 107.7380 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

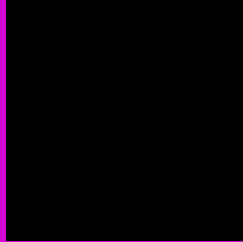
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 91.0780, 56.6500, 107.7380

Background



This preview shows how black text looks on a background with the YIQ color 91.0780, 56.6500, 107.7380.



This preview shows how white text looks on a background with the YIQ color 91.0780, 56.6500,

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

91.0780, 56.6500, 107.7380

Protanopia

96.9510, -111.7830, 15.9370

Deuteranopia

116.1270, -53.9210, 13.5590



Tritanopia

118.3680, 67.2100, 26.4580

Trichromacy



Original Color

91.0780, 56.6500, 107.7380



Protanomaly

95.0120, -50.7180, 49.1380



Deuteranomaly

107.2920, -13.5800, 47.8920



Tritanomaly

108.5570, 63.4450, 56.1570

Monochromacy



Original Color

91.0780, 56.6500, 107.7380



Achromatopsia

91.0000, -0.0000, -0.0000



Achromatomaly

90.9750, 20.6250, 39.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.0780, 56.6500, 107.7380 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(212, 6, 212)` looks like.

```
.text, #text, p{  
    color:rgb(212, 6, 212)  
}
```

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(212, 6, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 6, 212) }
```

Border

The CSS property to change the border of an element to YIQ 91.0780, 56.6500, 107.7380 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(212, 6, 212) }
```


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

```
.border{ border-color:rgb(212, 6, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 6, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 6, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 6, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 6,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 91.0780, 56.6500, 107.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 6, 212) }
```

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

```
.background{ background-color: rgb(212, 6,  
212) }
```

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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