

Converting Colors

YIQ(87.3710, 57.3830, 110.9750)

Have a look what the booklet for
YIQ(87.3710, 57.3830, 110.9750)
contains.

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Color

**YIQ(87.3710, 57.3830,
110.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	D300D5
RGB	211, 0, 213
RGB Percent	83%, 0%, 84%
CMY	0.1719, 0.9999, 0.1646
CMYK	0.01, 1.00, 0.00, 0.16
HSL	299°, 100%, 42%
HSV	299°, 100%, 84%
XYZ	38.9226, 18.6777, 64.5151
YIQ	87.3710, 57.3830, 110.9750

Conversions

Conversions Part 2

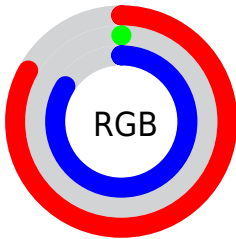
Format	Color
R_{YB}	211, 0, 213
Decimal	13828309
CIE _{Lab}	50.31, 85.49, -53.66
CIE _{LCh}	50, 100.934, 327.885
Yxy	18.6777, 0.3187, 0.1530
Android (android.graphics.Color)	4292018389 (0xFFD300D5)
YUV	87.3710, 61.9351, 108.4226
Hunter-Lab	43.2177, 85.1292, -58.2554

Details

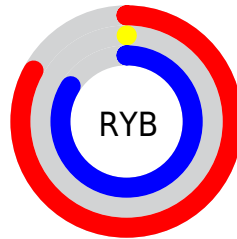
The YIQ color **87.3710, 57.3830, 110.9750** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **125.6290, -57.3830, -110.9750**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.0800, 44.0000, 83.6800**, and **63.0470, 39.5990, 80.8390** is the 20% darker color. If you saturate the color by 10%, you get **87.3710, 57.3830, 110.9750**, and if you desaturate by 10%, it is **99.6980, 51.6080, 99.9920**.

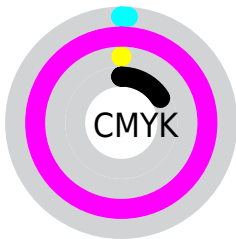
Distribution



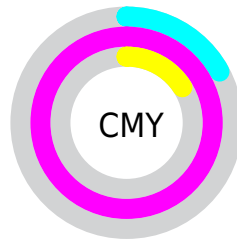
- Red (83%)
- Green (0%)
- Blue (84%)



- Red (83%)
- Yellow (0%)
- Blue (84%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.3710, 57.3830, 110.9750 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 87.3710, 57.3830, 110.9750 by changing the saturation by 10% instead.

87.3710, 57.3830,
110.9750

87.3710, 57.3830,
110.9750

255.0000, -0.0000,
-0.0000

75.2090, 48.4910,
95.9070

161.0800, 44.0000,
83.6800

63.0470, 39.5990,
80.8390

179.2770, 35.4750,
67.4670

51.4120, 30.6610,
66.6050

196.8870, 27.2250,
51.7770

39.7770, 21.7230,
52.3710

215.0840, 18.7000,
35.5640

29.1530, 14.2520,
39.0840

232.6940, 10.4500,
19.8740

16.8490, 2.8840,
24.8360

250.3040, 2.2000,

4.3490, -10.8680,

4.1840

9.7400

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 87.3710, 57.3830,
110.9750

■ 99.6980, 51.6080,
99.9920

■ 112.9110, 46.1540,
88.6980

■ 125.2380, 40.3790,
77.7150

■ 137.5650, 34.6040,
66.7320

■ 150.4790, 28.5540,
55.2260

■ 162.8060, 22.7790,
44.2430

■ 175.1330, 17.0040,
33.2600

■ 187.7590, 11.8250,
22.4890

■ 200.6730, 5.7750,
10.9830

Harmonies

Analogous

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



106.3190, -70.9360, 41.0960



87.3710, 57.3830, 110.9750



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.



87.3710, 57.3830, 110.9750



112.6540, 58.3710, -28.1330



112.4970, -105.9540, -18.1300

Complementary

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



87.3710, 57.3830, 110.9750



125.6290, -57.3830, -110.9750

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.



101.2910, -77.1560, -44.4520



87.3710, 57.3830, 110.9750



98.9570, -0.7230, -58.5070

Square

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



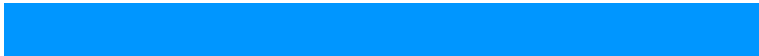
87.3710, 57.3830, 110.9750



105.9620, 108.6150, 8.4470



86.2890, -40.4250, -76.8810



117.1200, -123.1050, 0.8550

Rectangle

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



87.3710, 57.3830, 110.9750



84.6810, 128.2260, 77.0740



86.2890, -40.4250, -76.8810



109.3050, -96.9660, -26.8380

Sweetspot

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



87.3710, 57.3830, 110.9750



210.0890, 20.3040, 39.5360



26.6300, -69.4730, 64.1510



100.6990, 12.0540, 23.8460



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.



87.3710, 57.3830, 110.9750



104.7170, 68.9330, 132.9410



76.2270, 91.6380, 79.3660



100.5430, 3.0250, 5.7530



70.0250, 45.8330, 89.0090



17.7590, 11.8250, 22.4890

Inverse Universe

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



63.9150, 126.3060, 45.7780



76.4730, 151.3380, 54.6820



136.7730, -91.6380, -79.3660



99.2890, 6.5560, 2.3320



51.2430, 101.5950, 36.5630



12.8570, 25.6280, 9.1160

Previews

White Background



This preview shows how the YIQ color 87.3710, 57.3830, 110.9750 looks on a white background.

Color Contrast Check

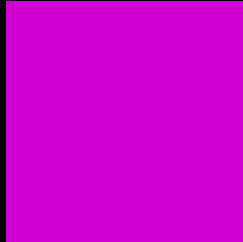
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.3710, 57.3830, 110.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

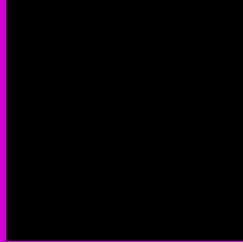
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 87.3710, 57.3830, 110.9750

Background



This preview shows how black text looks on a background with the YIQ color 87.3710, 57.3830, 110.9750.



This preview shows how white text looks on a background with the YIQ color 87.3710, 57.3830,

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

87.3710, 57.3830, 110.9750

Protanopia

96.9510, -111.7830, 15.9370

Deuteranopia

115.3440, -56.0300, 13.2340



Tritanopia

118.6560, 66.3390, 25.7230

Trichromacy



Original Color

87.3710, 57.3830, 110.9750



Protanomaly

93.2510, -49.8930, 50.7070



Deuteranomaly

105.3350, -15.1390, 48.6130



Tritanomaly

107.0840, 63.3990, 56.9910

Monochromacy



Original Color

87.3710, 57.3830, 110.9750



Achromatopsia

87.0000, -0.0000, -0.0000



Achromatomaly

86.9150, 20.8540, 40.5820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.3710, 57.3830, 110.9750 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(211, 0, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 213)  
}
```

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(211, 0, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 213) }
```

Border

The CSS property to change the border of an element to YIQ 87.3710, 57.3830, 110.9750 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(211, 0, 213) }
```


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

```
.border{ border-color:rgb(211, 0, 213) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 87.3710, 57.3830, 110.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 213) }
```

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

```
.background{ background-color: rgb(211, 0,  
213) }
```

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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