

Converting Colors

YIQ(108.9710, 45.9250, 87.3410)

Have a look what the booklet for
YIQ(108.9710, 45.9250, 87.3410)
contains.

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Color

**YIQ(108.9710, 45.9250,
87.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	CF28CF
RGB	207, 40, 207
RGB Percent	81%, 16%, 81%
CMY	0.1877, 0.8434, 0.1882
CMYK	0.00, 0.81, 0.00, 0.19
HSL	300°, 68%, 48%
HSV	300°, 81%, 81%
XYZ	37.7884, 19.3024, 60.7742
YIQ	108.9710, 45.9250, 87.3410

Conversions

Conversions Part 2

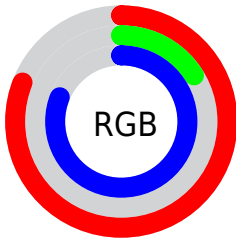
Format	Color
RYB	207, 40, 207
Decimal	13576399
CIELab	51.04, 78.70, -49.09
CIElCh	51, 92.750, 328.046
Yxy	19.3024, 0.3206, 0.1638
Android (android.graphics.Color)	4291766479 (0xFFCF28CF)
YUV	108.9710, 48.3283, 85.9714
Hunter-Lab	43.9344, 76.6443, -51.2613

Details

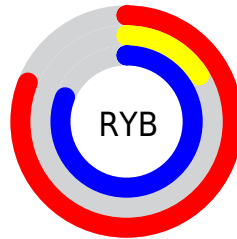
The YIQ color $108.9710, 45.9250, 87.3410$ is a dark color, and the websafe version is hex $CC33CC$. The color can be described as middle muted magenta. A complement of this color would be $138.0290, -45.9250, -87.3410$, and the grayscale version is $108.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $168.1240, 40.7000, 77.4040$, and $61.5800, 39.4160, 78.6480$ is the 20% darker color. If you saturate the color by 10%, you get $96.6440, 51.7000, 98.3240$, and if you desaturate by 10%, it is $121.2980, 40.1500, 76.3580$.

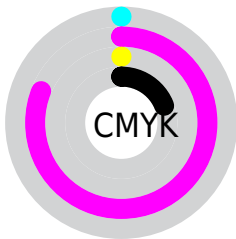
Distribution



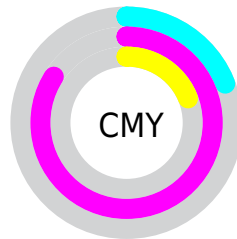
- Red (81%)
- Green (16%)
- Blue (81%)



- Red (81%)
- Yellow (16%)
- Blue (81%)



- Cyan (0%)
- Magenta (81%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (84%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9710, 45.9250, 87.3410 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 108.9710, 45.9250, 87.3410 by changing the saturation by 10% instead.

108.9710, 45.9250,
87.3410

108.9710, 45.9250,
87.3410

255.0000, -0.0000,
-0.0000

73.3290, 48.0330,
93.1930

168.1240, 40.7000,
77.4040

61.5800, 39.4160,
78.6480

185.7340, 32.4500,
61.7140

49.8310, 30.7990,
64.1030

203.3440, 24.2000,
46.0240

38.6090, 22.1360,
50.3920

220.3670, 16.2250,
30.8570

27.9850, 14.6650,
37.1050

237.9770, 7.9750,
15.1670

15.9800, 3.8930,
23.0690

4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 108.9710, 45.9250,
87.3410

■ 108.9710, 45.9250,
87.3410

■ 96.6440, 51.7000,
98.3240

■ 121.2980, 40.1500,
76.3580

■ 85.4910, 56.9250,
108.2610

■ 133.0380, 34.6500,
65.8980

■ 145.3650, 28.8750,
54.9150

■ 157.6920, 23.1000,
43.9320

■ 170.0190, 17.3250,
32.9490

■ 181.7590, 11.8250,
22.4890

■ 194.0860, 6.0500,
11.5060

■ 206.4130, 0.2750,
0.5230

■ 218.1530, -5.2250,
-9.9370

Harmonies

Analogous

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



114.3480, -60.7120, 43.0320



108.9710, 45.9250, 87.3410



89.5700, 107.2700, 93.4300

Triad

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



108.9710, 45.9250, 87.3410



114.4260, 59.0130, -28.7550



112.0410, -104.6700, -19.3740

Complementary

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



108.9710, 45.9250, 87.3410



138.0290, -45.9250, -87.3410

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.



102.2200, -78.3940, -44.0420



108.9710, 45.9250, 87.3410



102.5340, 4.9620, -56.9100

Square

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



108.9710, 45.9250, 87.3410



109.4620, 104.0310, 3.4150



89.1560, -47.1200, -71.1840



116.5330, -122.8300, 1.3780

Rectangle

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



108.9710, 45.9250, 87.3410



84.6530, 125.4290, 78.2050



89.1560, -47.1200, -71.1840



109.0770, -96.3240, -27.4600

Sweetspot

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



108.9710, 45.9250, 87.3410



219.1930, 16.7750, 31.9030



59.0380, -53.6070, 51.9370



106.1670, 10.4960, 19.0400



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.



108.9710, 45.9250, 87.3410



110.0110, 67.9250, 129.1810



99.5090, 72.5680, 61.5280



98.5430, 3.0250, 5.7530



69.3840, 46.2000, 87.8640



16.9330, 11.2750, 21.4430

Inverse Universe

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



108.9710, 45.9250, 87.3410



110.0110, 67.9250, 129.1810



147.6050, -72.8890, -61.2170



98.5430, 3.0250, 5.7530



69.3840, 46.2000, 87.8640



16.9330, 11.2750, 21.4430

Previews

White Background



This preview shows how the YIQ color 108.9710, 45.9250, 87.3410 looks on a white background.

Color Contrast Check

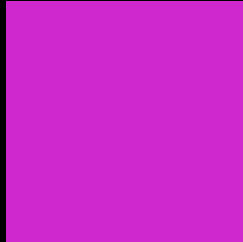
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.9710, 45.9250, 87.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

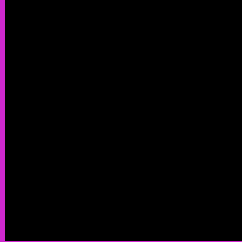
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 108.9710, 45.9250, 87.3410

Background



This preview shows how black text looks on a background with the YIQ color 108.9710, 45.9250, 87.3410.



This preview shows how white text looks on a background with the YIQ color 108.9710, 45.9250,

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

108.9710, 45.9250, 87.3410

Protanopia

97.7660, -112.7000, 16.0360

Deuteranopia

117.7640, -48.4650, 13.7990



Tritanopia

120.5630, 62.1670, 24.2390

Trichromacy



Original Color

108.9710, 45.9250, 87.3410



Protanomaly

101.9310, -55.1640, 41.6040



Deuteranomaly

114.3640, -14.0830, 40.4850



Tritanomaly

116.4540, 56.0650, 46.7290

Monochromacy



Original Color

108.9710, 45.9250, 87.3410



Achromatopsia

109.0000, -0.0000, 0.0000



Achromatomaly

109.1930, 16.7750, 31.9030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9710, 45.9250, 87.3410 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(207, 40, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 40, 207)  
}
```

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(207, 40, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 40, 207) }
```

Border

The CSS property to change the border of an element to YIQ 108.9710, 45.9250, 87.3410 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(207, 40, 207) }
```


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

```
.border{ border-color:rgb(207, 40, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 40, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 40, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 40, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 40,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9710, 45.9250, 87.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 40, 207) }
```

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

```
.background{ background-color: rgb(207, 40,  
207) }
```

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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