

Converting Colors

YIQ(108.1210, 19.5600, 97.0960)

Have a look what the booklet for
YIQ(108.1210, 19.5600, 97.0960)
contains.

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Color

**YIQ(108.1210, 19.5600,
97.0960)**

Conversions

Conversions Part 1

Format	Color
Hex	BB28FC
RGB	187, 40, 252
RGB Percent	73%, 16%, 99%
CMY	0.2662, 0.8434, 0.0118
CMYK	0.26, 0.84, 0.00, 0.01
HSL	282°, 97%, 57%
HSV	282°, 84%, 99%
XYZ	38.8475, 19.1206, 93.7203
YIQ	108.1210, 19.5600, 97.0960

Conversions

Conversions Part 2

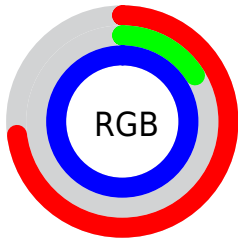
Format	Color
R _Y B	187, 40, 252
Decimal	12265724
CIE Lab	50.83, 83.01, -75.03
CIE LCh	51, 111.891, 317.891
Yxy	19.1206, 0.2561, 0.1261
Android (android.graphics.Color)	4290455804 (0xFFBB28FC)
YUV	108.1210, 70.9323, 69.1769
Hunter-Lab	43.7271, 82.0582, -96.4671

Details

The YIQ color **108.1210, 19.5600, 97.0960** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **183.8790, -19.5600, -97.0960**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0310, 36.5280, 75.9200**, and **60.0890, 13.4180, 87.2580** is the 20% darker color. If you saturate the color by 10%, you get **91.0540, 21.6670, 108.4750**, and if you desaturate by 10%, it is **125.1880, 17.4530, 85.7170**.

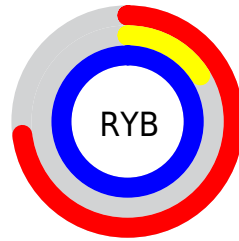
Distribution



Red (73%)

Green (16%)

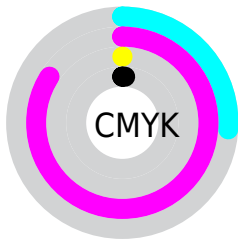
Blue (99%)



Red (73%)

Yellow (16%)

Blue (99%)

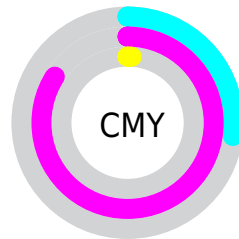


Cyan (26%)

Magenta (84%)

Yellow (0%)

Black (1%)



Cyan (27%)

Magenta (84%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.1210, 19.5600, 97.0960 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 108.1210, 19.5600, 97.0960 by changing the saturation by 10% instead.

108.1210, 19.5600,
97.0960

108.1210, 19.5600,
97.0960

255.0000, -0.0000,
-0.0000

72.3650, 21.9890,
102.6370

166.0310, 36.5280,
75.9200

60.0890, 13.4180,
87.2580

185.1470, 32.7250,
62.2370

47.9270, 4.5260,
72.1900

202.7570, 24.4750,
46.5470

35.2810, -5.8790,
57.0090

219.7800, 16.5000,
31.3800

22.6350, -16.2840,
41.8280

237.3900, 8.2500,
15.6900

9.9180, -27.9270,
27.0570

10.5900, -21.5520,

16.1440

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 108.1210, 19.5600,
97.0960

■ 108.1210, 19.5600,
97.0960

■ 91.0540, 21.6670,
108.4750

■ 125.1880, 17.4530,
85.7170

■ 81.0530, 23.4080,
115.4720

■ 142.2550, 15.3460,
74.3380

■ 159.6100, 12.3680,
62.2240

■ 176.6770, 10.2610,
50.8450

193.7440, 8.1540,
39.4660

210.5120, 5.4510,
27.8750

227.5790, 3.3440,
16.4960

245.2330, 0.9620,
4.5940

254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



97.1620, -113.7550, 18.6370



108.1210, 19.5600, 97.0960



94.9410, 99.3360, 105.0640

Triad

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



108.1210, 19.5600, 97.0960



113.9820, 78.3590, -15.9210



111.8640, -100.0380, -26.2300

Complementary

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



108.1210, 19.5600, 97.0960



183.8790, -19.5600, -97.0960

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.



99.1760, -67.0670, -56.5950



108.1210, 19.5600, 97.0960



106.4650, 18.5780, -50.3660

Square

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



108.1210, 19.5600, 97.0960



82.9240, 139.2820, 41.8900



86.8760, -40.7000, -77.4040



120.6420, -124.7550, -2.2830

Rectangle

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



108.1210, 19.5600, 97.0960



87.7590, 119.5590, 85.4710



86.8760, -40.7000, -77.4040



108.1020, -89.4450, -36.4930

Sweetspot

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



108.1210, 19.5600, 97.0960



211.7510, 6.2760, 29.4440



103.4970, -86.4770, 30.8910



101.5190, 3.5730, 17.8530



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.



108.1210, 19.5600, 97.0960



81.9930, 23.6370, 116.8290



123.1100, 70.8190, 98.7470



116.1730, 1.1910, 5.9510



60.7150, 17.4070, 86.5510



19.5120, 5.4510, 27.8750

Inverse Universe

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



110.7980, 105.4870, 65.1590



85.1370, 126.9420, 78.3180



168.8900, -70.8190, -98.7470



116.3430, 6.4640, 4.0000



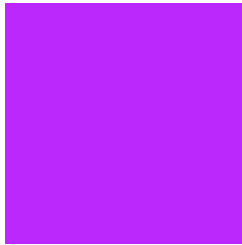
63.1230, 94.0260, 58.1060



20.4050, 30.2570, 18.8410

Previews

White Background



This preview shows how the YIQ color 108.1210, 19.5600, 97.0960 looks on a white background.

Color Contrast Check

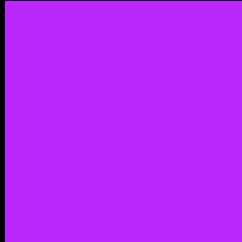
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.1210, 19.5600, 97.0960 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 108.1210, 19.5600, 97.0960

Background



This preview shows how black text looks on a background with the YIQ color 108.1210, 19.5600, 97.0960.



This preview shows how white text looks on a background with the YIQ color 108.1210, 19.5600,

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

108.1210, 19.5600, 97.0960

Protanopia

96.8370, -111.4620, 15.6260

Deuteranopia

97.2980, -103.1150, 2.0130



Tritanopia

123.0370, 34.1090, 15.1090

Trichromacy



Original Color

108.1210, 19.5600, 97.0960



Protanomaly

100.9610, -63.8760, 45.3080



Deuteranomaly

100.9150, -58.2350, 36.6850



Tritanomaly

117.7420, 28.8310, 44.6950

Monochromacy



Original Color

108.1210, 19.5600, 97.0960



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

107.9240, 7.4670, 35.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.1210, 19.5600, 97.0960 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(187, 40, 252)` looks like.

```
.text, #text, p{  
    color:rgb(187, 40, 252)  
}
```

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(187, 40, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 40, 252) }
```

Border

The CSS property to change the border of an element to YIQ 108.1210, 19.5600, 97.0960 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(187, 40, 252) }
```


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

```
.border{ border-color:rgb(187, 40, 252) }
```

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

Here you see how a box with a 4 pixel rgb(187, 40, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 40, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 40, 252);  
box-shadow:4px 4px 4px 4px rgb(187, 40,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 108.1210, 19.5600, 97.0960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 40, 252) }
```

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

```
.background{ background-color: rgb(187, 40,  
252) }
```

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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