

Converting Colors

YIQ(100.9580, 57.1080,
110.4520)

Have a look what the booklet for
YIQ(100.9580, 57.1080, 110.4520)
contains.

YIQ(100.9580, 57.1080, 110.4520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(100.9580, 57.1080,
110.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	E00EE2
RGB	224, 14, 226
RGB Percent	88%, 5%, 89%
CMY	0.1209, 0.9453, 0.1137
CMYK	0.01, 0.94, 0.00, 0.11
HSL	299°, 88%, 47%
HSV	299°, 94%, 89%
XYZ	44.6759, 21.6766, 73.7923
YIQ	100.9580, 57.1080, 110.4520

Conversions

Conversions Part 2

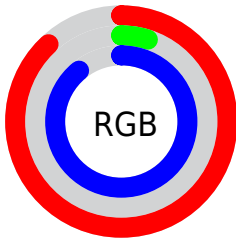
Format	Color
RYB	224, 14, 226
Decimal	14683874
CIELab	53.68, 88.41, -55.53
CIElCh	54, 104.402, 327.864
Yxy	21.6766, 0.3188, 0.1547
Android (android.graphics.Color)	4292873954 (0xFFE00EE2)
YUV	100.9580, 61.6457, 107.9078
Hunter-Lab	46.5582, 89.8069, -61.3809

Details

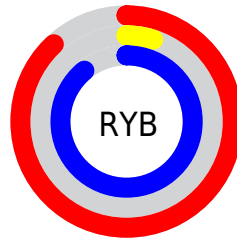
The YIQ color **100.9580, 57.1080, 110.4520** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **139.0420, -57.1080, -110.4520**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **164.6020, 42.3500, 80.5420**, and **68.4160, 43.1740, 87.6380** is the 20% darker color. If you saturate the color by 10%, you get **92.7400, 60.9580, 117.7740**, and if you desaturate by 10%, it is **114.4590, 50.7830, 98.4230**.

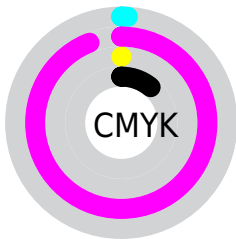
Distribution



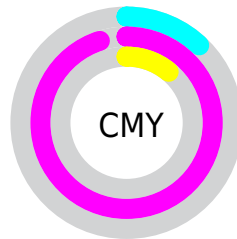
- Red (88%)
- Green (5%)
- Blue (89%)



- Red (88%)
- Yellow (5%)
- Blue (89%)



- Cyan (1%)
- Magenta (94%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.9580, 57.1080, 110.4520 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 100.9580, 57.1080, 110.4520 by changing the saturation by 10% instead.


 100.9580, 57.1080,
110.4520


 100.9580, 57.1080,
110.4520


255.0000, -0.0000,
-0.0000


 80.5780, 52.0660,
102.7060


 164.6020, 42.3500,
80.5420


 68.4160, 43.1740,
87.6380


 182.7990, 33.8250,
64.3290


 56.3680, 33.9610,
72.8810

 200.9960, 25.3000,
48.1160

 44.6190, 25.3440,
58.3360

 218.6060, 17.0500,
32.4260

 33.3970, 16.6810,
44.6250

 236.8030, 8.5250,
16.2130

 21.5770, 6.8260,
30.4900

 7.8920, -7.8430,

15.4930

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 100.9580, 57.1080,
110.4520

■ 100.9580, 57.1080,
110.4520

■ 92.7400, 60.9580,
117.7740

■ 114.4590, 50.7830,
98.4230

■ 127.6720, 45.3290,
87.1290

■ 141.1730, 39.0040,
75.1000

■ 154.0870, 32.9540,
63.5940

■ 167.5880, 26.6290,
51.5650

■ 181.0890, 20.3040,
39.5360

■ 194.3020, 14.8500,
28.2420

■ 207.8030, 8.5250,
16.2130

■ 220.7170, 2.4750,
4.7070

Harmonies

Analogous

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



113.4070, -68.3680, 38.6080



100.9580, 57.1080, 110.4520



92.0910, 107.3610, 97.2890

Triad

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



100.9580, 57.1080, 110.4520



120.6390, 62.7270, -29.9850



119.7350, -112.5560, -19.6280

Complementary

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



100.9580, 57.1080, 110.4520



139.0420, -57.1080, -110.4520

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.



108.6600, -82.7490, -47.7170



100.9580, 57.1080, 110.4520



106.3330, 0.9740, -61.7300

Square

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



100.9580, 57.1080, 110.4520



113.3710, 114.7130, 8.0650



92.1590, -43.1750, -82.1110



122.9900, -125.8550, -4.3750

Rectangle

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



100.9580, 57.1080, 110.4520



85.4790, 125.9790, 79.2510



92.1590, -43.1750, -82.1110



116.4290, -103.2470, -28.6470

Sweetspot

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



100.9580, 57.1080, 110.4520



213.0240, 18.9290, 36.9210



39.9290, -68.8770, 64.3630



101.8730, 11.5040, 22.8000



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.



100.9580, 57.1080, 110.4520



104.7170, 68.9330, 132.9410



89.9280, 91.0420, 79.1540



105.5430, 3.0250, 5.7530



72.0900, 47.2080, 91.6240



19.8240, 13.2000, 25.1040

Inverse Universe

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



77.6160, 125.7100, 45.5660



76.4730, 151.3380, 54.6820



150.0720, -91.0420, -79.1540



104.2890, 6.5560, 2.3320



52.8520, 104.2540, 37.9340



14.3520, 28.6080, 10.1760

Previews

White Background



This preview shows how the YIQ color 100.9580, 57.1080, 110.4520 looks on a white background.

Color Contrast Check

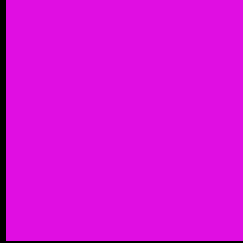
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9580, 57.1080, 110.4520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

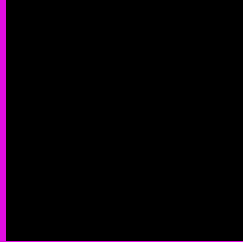
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 100.9580, 57.1080, 110.4520

Background



This preview shows how black text looks on a background with the YIQ color 100.9580, 57.1080, 110.4520.



This preview shows how white text looks on a background with the YIQ color 100.9580, 57.1080,

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

100.9580, 57.1080, 110.4520

Protanopia

115.3020, -90.6020, 23.0460

Deuteranopia

123.3160, -58.8270, 14.3650



Tritanopia

125.8630, 70.1900, 27.5180

Trichromacy



Original Color

100.9580, 57.1080, 110.4520



Protanomaly

110.3020, -36.7350, 54.5370



Deuteranomaly

115.3780, -16.6980, 49.3340



Tritanomaly

116.9810, 65.1870, 57.6270

Monochromacy



Original Color

100.9580, 57.1080, 110.4520



Achromatopsia

101.0000, -0.0000, 0.0000



Achromatomaly

100.8010, 21.1750, 40.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.9580, 57.1080, 110.4520 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(224, 14, 226)` looks like.

```
.text, #text, p{  
    color:rgb(224, 14, 226)  
}
```

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(224, 14, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 14, 226) }
```

Border

The CSS property to change the border of an element to YIQ 100.9580, 57.1080, 110.4520 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(224, 14, 226) }
```


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

```
.border{ border-color:rgb(224, 14, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 14, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 14, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 14, 226);  
box-shadow:4px 4px 4px 4px rgb(224, 14,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 100.9580, 57.1080, 110.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 14, 226) }
```

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

```
.background{ background-color: rgb(224, 14,  
226) }
```

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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