

Converting Colors

YIQ(95.9040, 57.2000, 108.7840)

Have a look what the booklet for
YIQ(95.9040, 57.2000, 108.7840)
contains.

| | |
|--|----|
| YIQ(95.9040, 57.2000, 108.7840) | 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(95.9040, 57.2000,
108.7840)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DA0ADA |
| RGB | 218, 10, 218 |
| RGB Percent | 85%, 4%, 85% |
| CMY | 0.1445, 0.9610, 0.1450 |
| CMYK | 0.00, 0.95, 0.00, 0.14 |
| HSL | 300°, 91%, 45% |
| HSV | 300°, 95%, 86% |
| XYZ | 41.7258, 20.2080, 68.0425 |
| YIQ | 95.9040, 57.2000, 108.7840 |

Conversions

Conversions Part 2

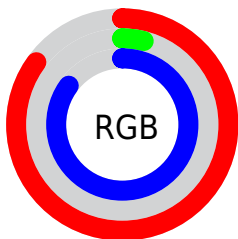
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 10, 218 |
| Decimal | 14289626 |
| CIE Lab | 52.07, 86.60, -53.62 |
| CIE LCh | 52, 101.855, 328.232 |
| Yxy | 20.2080, 0.3210, 0.1555 |
| Android (android.graphics.Color) | 4292479706 (0xFFDA0ADA) |
| YUV | 95.9040, 60.1933, 107.0782 |
| Hunter-Lab | 44.9533, 87.0157, -58.2756 |

Details

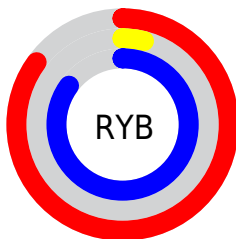
The YIQ color **95.9040, 57.2000, 108.7840** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **132.0960, -57.2000, -108.7840**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.8410, 43.1750, 82.1110**, and **65.7100, 42.1660, 83.8780** is the 20% darker color. If you saturate the color by 10%, you get **90.0340, 59.9500, 114.0140**, and if you desaturate by 10%, it is **108.8180, 51.1500, 97.2780**.

Distribution



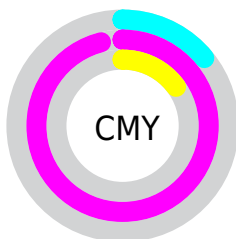
- Red (85%)
- Green (4%)
- Blue (85%)



- Red (85%)
- Yellow (4%)
- Blue (85%)



- Cyan (0%)
- Magenta (95%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (96%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9040, 57.2000, 108.7840 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 95.9040, 57.2000, 108.7840 by changing the saturation by 10% instead.

95.9040, 57.2000,
108.7840

95.9040, 57.2000,
108.7840

255.0000, -0.0000,
-0.0000

77.8720, 51.0580,
98.9460

162.8410, 43.1750,
82.1110

65.7100, 42.1660,
83.8780

181.6250, 34.3750,
65.3750

53.9610, 33.5490,
69.3330

199.2350, 26.1250,
49.6850

42.3260, 24.6110,
55.0990

217.4320, 17.6000,
33.4720

31.1040, 15.9480,
41.3880

235.0420, 9.3500,
17.7820

19.3980, 5.7720,
27.5640

253.2390, 0.8250,

4.2180, -11.8770,

1.5690

11.5070

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 95.9040, 57.2000,
108.7840

■ 95.9040, 57.2000,
108.7840

■ 90.0340, 59.9500,
114.0140

■ 108.8180, 51.1500,
97.2780

■ 121.7320, 45.1000,
85.7720

■ 134.0590, 39.3250,
74.7890

■ 146.9730, 33.2750,
63.2830

■ 159.8870, 27.2250,
51.7770

■ 172.8010, 21.1750,
40.2710

■ 185.7150, 15.1250,
28.7650

■ 198.0420, 9.3500,
17.7820

■ 210.9560, 3.3000,
6.2760

Harmonies

Analogous

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



111.6570, -66.0760, 41.1240



95.9040, 57.2000, 108.7840



91.5210, 108.9660, 95.7340

Triad

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



95.9040, 57.2000, 108.7840



117.0840, 59.9760, -29.6880



116.2300, -109.5760, -18.5680

Complementary

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



95.9040, 57.2000, 108.7840



132.0960, -57.2000, -108.7840

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.



105.3830, -80.4110, -46.0350



95.9040, 57.2000, 108.7840



102.7890, -0.3100, -60.4860

Square

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



95.9040, 57.2000, 108.7840



109.8050, 110.4950, 7.4150



89.2240, -41.8000, -79.4960



119.4680, -124.2050, -1.2370

Rectangle

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



95.9040, 57.2000, 108.7840



85.0230, 127.2630, 78.0070



89.2240, -41.8000, -79.4960



112.9240, -100.2670, -27.5870

Sweetspot

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



95.9040, 57.2000, 108.7840



211.5620, 20.3500, 38.7020



33.7120, -66.7680, 64.6880



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.



95.9040, 57.2000, 108.7840



105.3150, 70.1250, 133.3650



84.0480, 90.5840, 76.4400



103.5430, 3.0250, 5.7530



71.4490, 47.5750, 90.4790



18.9980, 12.6500, 24.0580

Inverse Universe

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



95.9040, 57.2000, 108.7840



105.3150, 70.1250, 133.3650



143.9520, -90.5840, -76.4400



103.5430, 3.0250, 5.7530



71.4490, 47.5750, 90.4790



18.9980, 12.6500, 24.0580

Previews

White Background



This preview shows how the YIQ color 95.9040, 57.2000, 108.7840 looks on a white background.

Color Contrast Check

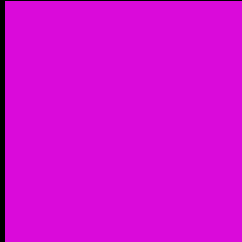
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.9040, 57.2000, 108.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

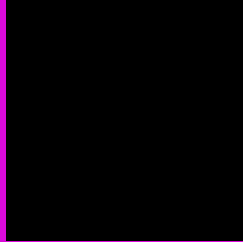
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 95.9040, 57.2000, 108.7840

Background



This preview shows how black text looks on a background with the YIQ color 95.9040, 57.2000, 108.7840.



This preview shows how white text looks on a background with the YIQ color 95.9040, 57.2000,

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

95.9040, 57.2000, 108.7840

Protanopia

104.2830, -106.7860, 18.9900

Deuteranopia

119.7570, -55.7550, 13.7570



Tritanopia

121.9660, 68.4020, 26.8820

Trichromacy



Original Color

95.9040, 57.2000, 108.7840



Protanomaly

101.4470, -47.5090, 51.5550



Deuteranomaly

111.2210, -14.8180, 48.3020



Tritanomaly

112.2690, 64.3160, 56.8920

Monochromacy



Original Color

95.9040, 57.2000, 108.7840



Achromatopsia

96.0000, -0.0000, 0.0000



Achromatomaly

95.9750, 20.6250, 39.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9040, 57.2000, 108.7840 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(218, 10, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 10, 218)  
}
```

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(218, 10, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 10, 218) }
```

Border

The CSS property to change the border of an element to YIQ 95.9040, 57.2000, 108.7840 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(218, 10, 218) }
```


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

```
.border{ border-color:rgb(218, 10, 218) }
```

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

Here you see how a box with a 4 pixel rgb(218, 10, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 10, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 10, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 10,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9040, 57.2000, 108.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 10, 218) }
```

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

```
.background{ background-color: rgb(218, 10,  
218) }
```

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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