

Converting Colors

YIQ(116.1010, 48.6750, 92.5710)

Have a look what the booklet for
YIQ(116.1010, 48.6750, 92.5710)
contains.

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Color

**YIQ(116.1010, 48.6750,
92.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	DC2BDC
RGB	220, 43, 220
RGB Percent	86%, 17%, 86%
CMY	0.1367, 0.8316, 0.1372
CMYK	0.00, 0.80, 0.00, 0.14
HSL	300°, 72%, 52%
HSV	300°, 80%, 86%
XYZ	43.3376, 22.1272, 69.7069
YIQ	116.1010, 48.6750, 92.5710

Conversions

Conversions Part 2

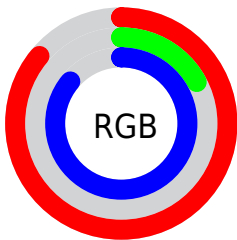
Format	Color
R _{YB}	220, 43, 220
Decimal	14429148
CIE _{Lab}	54.16, 82.42, -51.40
CIE _{LCh}	54, 97.134, 328.048
Y _{xy}	22.1272, 0.3206, 0.1637
Android (android.graphics.Color)	4292619228 (0xFFDC2BDC)
Y _{UV}	116.1010, 51.2222, 91.1194
Hunter-Lab	47.0396, 82.1327, -54.9328

Details

The YIQ color **116.1010, 48.6750, 92.5710** 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 **146.8990, -48.6750, -92.5710**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0590, 39.3250, 74.7890**, and **66.5360, 42.7160, 84.9240** is the 20% darker color. If you saturate the color by 10%, you get **103.1870, 54.7250, 104.0770**, and if you desaturate by 10%, it is **129.0150, 42.6250, 81.0650**.

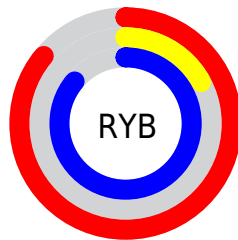
Distribution



Red (86%)

Green (17%)

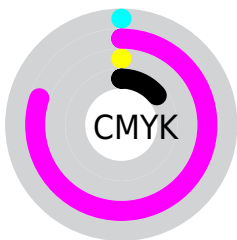
Blue (86%)



Red (86%)

Yellow (17%)

Blue (86%)

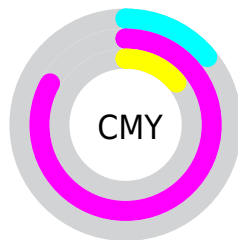


Cyan (0%)

Magenta (80%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (83%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.1010, 48.6750, 92.5710 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 116.1010, 48.6750, 92.5710 by changing the saturation by 10% instead.


 116.1010, 48.6750,
92.5710


 116.1010, 48.6750,
92.5710


255.0000, -0.0000,
-0.0000


 78.6980, 51.6080,
99.9920


 171.0590, 39.3250,
74.7890


 66.8350, 43.3120,
85.1360


 188.6690, 31.0750,
59.0990

 54.7870, 34.0990,
70.3790


 206.2790, 22.8250,
43.4090

 43.1520, 25.1610,
56.1450

 223.8890, 14.5750,
27.7190

 31.9300, 16.4980,
42.4340

 241.4990, 6.3250,
12.0290

 20.8220, 7.5140,
29.0340

 6.2400, -8.9430,

13.4010

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 116.1010, 48.6750,
92.5710

■ 116.1010, 48.6750,
92.5710

■ 103.1870, 54.7250,
104.0770

■ 129.0150, 42.6250,
81.0650

■ 90.8600, 60.5000,
115.0600

■ 141.9290, 36.5750,
69.5590

■ 154.8430, 30.5250,
58.0530

■ 167.7570, 24.4750,
46.5470

■ 180.6710, 18.4250,
35.0410

■ 193.5850, 12.3750,
23.5350

■ 206.4990, 6.3250,
12.0290

■ 219.4130, 0.2750,
0.5230

■ 232.3270, -5.7750,
-10.9830

Harmonies

Analogous

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



119.6640, -58.7860, 41.1660



116.1010, 48.6750, 92.5710



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.



116.1010, 48.6750, 92.5710



122.1120, 62.7730, -30.8190



119.2790, -111.2720, -20.8720

Complementary

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



116.1010, 48.6750, 92.5710



146.8990, -48.6750, -92.5710

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.



108.8880, -83.3910, -47.0950



116.1010, 48.6750, 92.5710



109.3120, 5.4670, -60.5570

Square

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



116.1010, 48.6750, 92.5710



116.2840, 110.4040, 3.5560



94.6670, -50.2370, -75.2690



122.4030, -125.5800, -3.8520

Rectangle

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



116.1010, 48.6750, 92.5710



85.8210, 125.0160, 80.1840



94.6670, -50.2370, -75.2690



116.2010, -102.6050, -29.2690

Sweetspot

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



116.1010, 48.6750, 92.5710



219.1930, 16.7750, 31.9030



63.1780, -56.8170, 55.0470



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.



116.1010, 48.6750, 92.5710



110.0110, 67.9250, 129.1810



106.0690, 76.9230, 65.2030



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.



116.1010, 48.6750, 92.5710



110.0110, 67.9250, 129.1810



157.0450, -77.2440, -64.8920



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 116.1010, 48.6750, 92.5710 looks on a white background.

Color Contrast Check

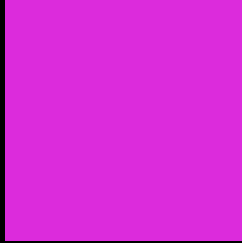
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.1010, 48.6750, 92.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

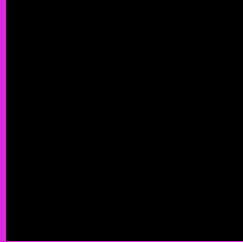
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.1010, 48.6750, 92.5710

Background



This preview shows how black text looks on a background with the YIQ color 116.1010, 48.6750, 92.5710.



This preview shows how white text looks on a background with the YIQ color 116.1010, 48.6750,

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

116.1010, 48.6750, 92.5710

Protanopia

117.3840, -87.8970, 23.5830

Deuteranopia

125.4370, -51.8580, 14.7180



Tritanopia

127.8840, 65.6970, 26.3450

Trichromacy



Original Color

116.1010, 48.6750, 92.5710



Protanomaly

117.1290, -37.9260, 48.5860



Deuteranomaly

121.7600, -15.1380, 43.0860



Tritanomaly

123.8290, 59.5030, 50.5030

Monochromacy



Original Color

116.1010, 48.6750, 92.5710



Achromatopsia

116.0000, -0.0000, 0.0000



Achromatomaly

115.8450, 17.8750, 33.9950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.1010, 48.6750, 92.5710 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(220, 43, 220)` looks like.

```
.text, #text, p{  
    color:rgb(220, 43, 220)  
}
```

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(220, 43, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 43, 220) }
```

Border

The CSS property to change the border of an element to YIQ 116.1010, 48.6750, 92.5710 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(220, 43, 220) }
```


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

```
.border{ border-color:rgb(220, 43, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 43, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 43, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 43, 220);  
box-shadow:4px 4px 4px 4px rgb(220, 43,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 116.1010, 48.6750, 92.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 43, 220) }
```

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

```
.background{ background-color: rgb(220, 43,  
220) }
```

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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