

Converting Colors

YIQ(112.3010, 44.0950, 65.4310)

Have a look what the booklet for
YIQ(112.3010, 44.0950, 65.4310)
contains.

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Color

**YIQ(112.3010, 44.0950,
65.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	C33AAF
RGB	195, 58, 175
RGB Percent	76%, 23%, 69%
CMY	0.2349, 0.7727, 0.3136
CMYK	0.00, 0.70, 0.10, 0.23
HSL	309°, 54%, 50%
HSV	309°, 70%, 77%
XYZ	31.7821, 17.7320, 42.3160
YIQ	112.3010, 44.0950, 65.4310

Conversions

Conversions Part 2

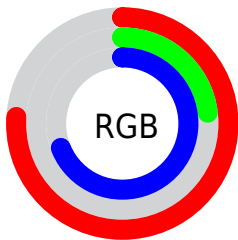
Format	Color
R_{YB}	195, 58, 175
Decimal	12794543
CIE _{Lab}	49.17, 66.14, -33.59
CIE _{LCh}	49, 74.183, 333.075
Yxy	17.7320, 0.3461, 0.1931
Android (android.graphics.Color)	4290984623 (0xFFC33AAF)
YUV	112.3010, 30.9106, 72.5270
Hunter-Lab	42.1094, 61.0318, -30.1044

Details

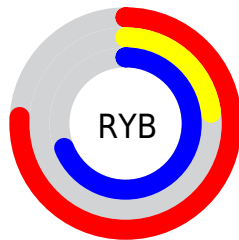
The YIQ color **112.3010, 44.0950, 65.4310** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **140.6990, -44.0950, -65.4310**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2580, 45.6540, 64.7100**, and **55.1700, 43.0860, 67.1980** is the 20% darker color. If you saturate the color by 10%, you get **100.2190, 50.5580, 74.9580**, and if you desaturate by 10%, it is **123.7960, 37.9070, 56.4270**.

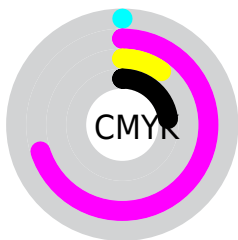
Distribution



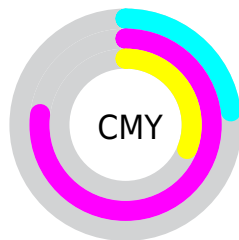
- Red (76%)
- Green (23%)
- Blue (69%)



- Red (76%)
- Yellow (23%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (77%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.3010, 44.0950, 65.4310 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 112.3010, 44.0950, 65.4310 by changing the saturation by 10% instead.


 112.3010, 44.0950,
65.4310


 112.3010, 44.0950,
65.4310


255.0000, -0.0000,
-0.0000


 78.2460, 45.9280,
70.7600


 171.2580, 45.6540,
64.7100


 55.1700, 43.0860,
67.1980


 190.4300, 30.2500,
57.5300


 43.9480, 34.4230,
53.4870


 207.4530, 22.2750,
42.3630

 32.8400, 25.4390,
40.0870

 224.4760, 14.3000,
27.1960

 22.7430, 17.9220,
27.6340

 241.4990, 6.3250,
12.0290

 10.9660, 6.5080,
14.2200

 0.0000, 0.0000,

0.0000

■ 112.3010, 44.0950,
65.4310

■ 112.3010, 44.0950,
65.4310

■ 100.2190, 50.5580,
74.9580

■ 123.7960, 37.9070,
56.4270

■ 88.7240, 56.7460,
83.9620

■ 135.8780, 31.4440,
46.9000

■ 77.3430, 62.6130,
93.2770

■ 147.3730, 25.2560,
37.8960

■ 159.3410, 19.1140,
28.0580

■ 171.4230, 12.6510,
18.5310

■ 182.9180, 6.4630,
9.5270

■ 195.0000, -0.0000,
0.0000

■ 206.4950, -6.1880,
-9.0040

■ 218.5770,
-12.6510, -18.5310

Harmonies

Analogous

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



117.4690, -27.3800, 44.6840



112.3010, 44.0950, 65.4310



95.1200, 90.0810, 69.0330

Triad

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



112.3010, 44.0950, 65.4310



109.3430, 48.8810, -32.3590



104.9170, -98.3890, -17.5650

Complementary

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



112.3010, 44.0950, 65.4310



140.6990, -44.0950, -65.4310

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.



97.8490, -78.4870, -36.8470



112.3010, 44.0950, 65.4310



98.4140, 5.4200, -54.1960

Square

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



112.3010, 44.0950, 65.4310



108.7320, 85.2350, -8.3730



88.4500, -56.1550, -56.1150



107.2260, -111.7800, -0.6440

Rectangle

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



112.3010, 44.0950, 65.4310



98.9520, 98.5210, 48.2250



88.4500, -56.1550, -56.1150



103.3380, -92.5650, -23.9970

Sweetspot

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



112.3010, 44.0950, 65.4310



220.0910, 16.8220, 25.5420



79.0000, -33.2490, 46.4230



108.6460, 10.4050, 15.1810



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.



112.3010, 44.0950, 65.4310



124.0220, 68.2510, 101.2350



104.6630, 65.6020, 44.5940



90.9020, 3.3920, 4.6080



63.7570, 51.9790, 76.7390



13.0590, 10.6800, 15.7040

Inverse Universe

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



112.3010, 44.0950, 65.4310



124.0220, 68.2510, 101.2350



148.3370, -65.6020, -44.5940



90.9020, 3.3920, 4.6080



63.7570, 51.9790, 76.7390



13.0590, 10.6800, 15.7040

Previews

White Background



This preview shows how the YIQ color 112.3010, 44.0950, 65.4310 looks on a white background.

Color Contrast Check

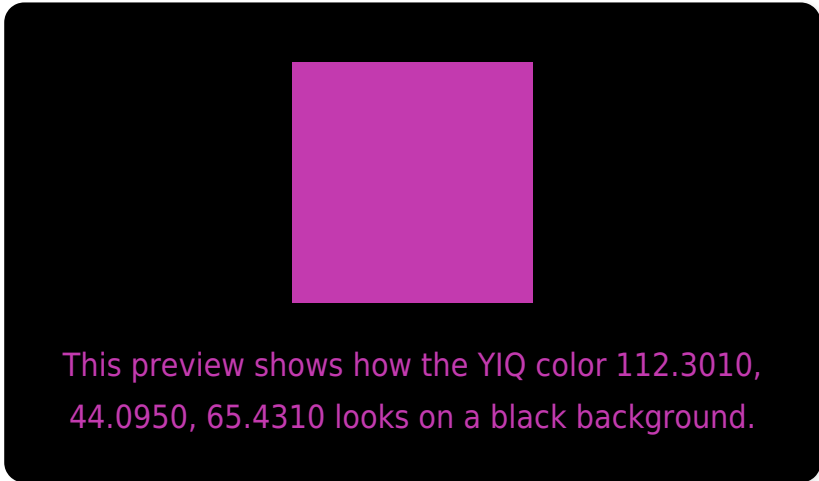
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

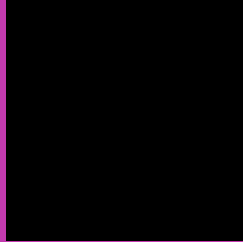
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.3010, 44.0950, 65.4310

Background



This preview shows how black text looks on a background with the YIQ color 112.3010, 44.0950, 65.4310.



This preview shows how white text looks on a background with the YIQ color 112.3010, 44.0950,

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

112.3010, 44.0950, 65.4310

Protanopia

109.1980, -69.8780, 21.9140

Deuteranopia

116.9160, -25.5860, 12.1580



Tritanopia

116.0680, 59.1870, 23.1790

Trichromacy



Original Color

112.3010, 44.0950, 65.4310



Protanomaly

110.6550, -28.2040, 37.5880



Deuteranomaly

115.3960, 0.0860, 31.4940



Tritanomaly

114.6290, 53.7740, 38.6860

Monochromacy



Original Color

112.3010, 44.0950, 65.4310



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

111.8520, 15.9970, 23.9730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3010, 44.0950, 65.4310 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(195, 58, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 58, 175)  
}
```

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(195, 58, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 58, 175) }
```

Border

The CSS property to change the border of an element to YIQ 112.3010, 44.0950, 65.4310 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(195, 58, 175) }
```


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

```
.border{ border-color:rgb(195, 58, 175) }
```

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

Here you see how a box with a 4 pixel rgb(195, 58, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 58, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 58, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 58,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3010, 44.0950, 65.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 58, 175) }
```

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

```
.background{ background-color: rgb(195, 58,  
175) }
```

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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