

Converting Colors

YIQ(176.3610, 16.3620, 33.8820)

Have a look what the booklet for
YIQ(176.3610, 16.3620, 33.8820)
contains.

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Color

**YIQ(176.3610, 16.3620,
33.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	D596D8
RGB	213, 150, 216
RGB Percent	84%, 59%, 85%
CMY	0.1645, 0.4118, 0.1529
CMYK	0.01, 0.31, 0.00, 0.15
HSL	297°, 46%, 72%
HSV	297°, 31%, 85%
XYZ	50.7520, 40.9158, 70.1907
YIQ	176.3610, 16.3620, 33.8820

Conversions

Conversions Part 2

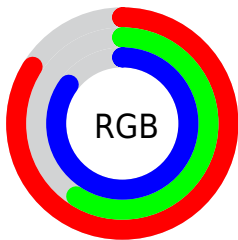
Format	Color
R _Y B	213, 150, 216
Decimal	13997784
CIE Lab	70.12, 34.45, -24.29
CIE LCh	70, 42.152, 324.807
Yxy	40.9158, 0.3136, 0.2528
Android (android.graphics.Color)	4292187864 (0xFFD596D8)
YUV	176.3610, 19.5420, 32.1324
Hunter-Lab	63.9654, 29.6874, -20.2845

Details

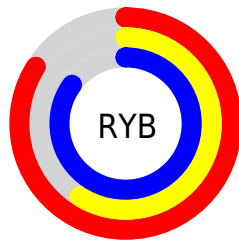
The YIQ color $176.3610, 16.3620, 33.8820$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $189.6390, -16.3620, -33.8820$, and the grayscale version is $176.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.6500, 13.7500, 26.1500$, and $122.8230, 14.9410, 32.1010$ is the 20% darker color. If you saturate the color by 10%, you get $163.1480, 21.8160, 45.1760$, and if you desaturate by 10%, it is $189.5740, 10.9080, 22.5880$.

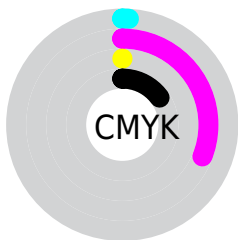
Distribution



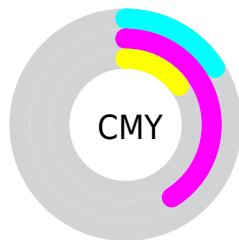
- Red (84%)
- Green (59%)
- Blue (85%)



- Red (84%)
- Yellow (59%)
- Blue (85%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.3610, 16.3620, 33.8820 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 176.3610, 16.3620, 33.8820 by changing the saturation by 10% instead.


 176.3610, 16.3620,
33.8820


 176.3610, 16.3620,
33.8820


255.0000, -0.0000,
-0.0000


 149.5350, 15.8120,
32.8360


 225.6500, 13.7500,
26.1500


 122.8230, 14.9410,
32.1010

 242.0860, 6.0500,
11.5060

 97.4100, 14.6660,
31.5780

 72.5840, 14.1160,
30.5320

 47.9860, 12.9240,
30.1080

 23.3990, 13.1990,
30.6310

 15.3240, 8.6160,

20.0720

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 176.3610, 16.3620,
33.8820

■ 176.3610, 16.3620,
33.8820

■ 163.1480, 21.8160,
45.1760

■ 189.5740, 10.9080,
22.5880

■ 150.5220, 26.9950,
55.9470

■ 202.2000, 5.7290,
11.8170

■ 137.3090, 32.4490,
67.2410

■ 215.4130, 0.2750,
0.5230

■ 124.6830, 37.6280,
78.0120

■ 228.0390, -4.9040,
-10.2480

■ 111.4700, 43.0820,
89.3060

■ 239.4910, -9.5330,
-19.9730

■ 98.2570, 48.5360,
100.6000

■ 239.7900, -8.9370,
-19.7610

■ 86.2180, 53.4400,
110.8480

■ 240.0890, -8.3410,
-19.5490

■ 240.3880, -7.7450,
-19.3370

■ 240.6870, -7.1490,
-19.1250

Harmonies

Analogous

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



173.0770, -24.1210, 24.1590



176.3610, 16.3620, 33.8820



175.0470, 46.4850, 33.1170

Triad

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



176.3610, 16.3620, 33.8820



169.1430, 44.2930, -15.2830



135.1450, -117.3670, -37.0710

Complementary

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



176.3610, 16.3620, 33.8820



189.6390, -16.3620, -33.8820

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.



148.6390, -69.0880, -36.4800



176.3610, 16.3620, 33.8820



165.5090, 16.4190, -27.7490

Square

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



176.3610, 16.3620, 33.8820



171.1210, 59.6950, 2.9510



159.4150, -21.5430, -33.5990



136.3310, -126.2180, -25.3380

Rectangle

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



176.3610, 16.3620, 33.8820



173.5780, 57.8110, 26.0910



159.4150, -21.5430, -33.5990



134.3640, -113.7900, -41.3260

Sweetspot

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



176.3610, 16.3620, 33.8820



241.2000, 5.7290, 11.8170



159.2850, -22.0110, 18.9570



118.8960, 3.5290, 7.6330



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.



176.3610, 16.3620, 33.8820



198.6260, 23.4660, 48.3140



173.8380, 27.7800, 25.1880



100.5430, 3.0250, 5.7530



68.2310, 42.2570, 87.7370



17.1610, 10.6330, 22.0650

Inverse Universe

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



170.0760, 38.3730, 14.9250



189.5620, 54.7400, 21.1720



192.1620, -27.7800, -25.1880



99.4030, 6.2350, 2.6430



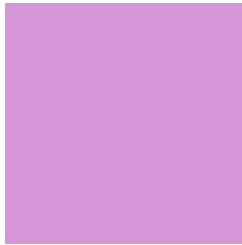
52.0410, 99.3480, 38.7400



13.0850, 24.9860, 9.7380

Previews

White Background



This preview shows how the YIQ color 176.3610, 16.3620, 33.8820 looks on a white background.

Color Contrast Check

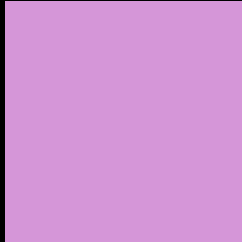
Large Text (above 18pt) WCAG AA × Fail

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 176.3610, 16.3620, 33.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

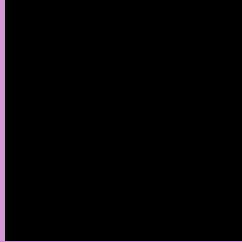
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.3610, 16.3620, 33.8820

Background



This preview shows how black text looks on a background with the YIQ color 176.3610, 16.3620, 33.8820.



This preview shows how white text looks on a background with the YIQ color 176.3610, 16.3620,

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

176.3610, 16.3620, 33.8820

Protanopia

172.3550, -28.2000, 15.4800

Deuteranopia

173.1300, -14.4450, 13.9950



Tritanopia

174.7200, 24.7560, 13.9080

Trichromacy



Original Color

176.3610, 16.3620, 33.8820



Protanomaly

173.9550, -12.1540, 22.0380



Deuteranomaly

173.9190, -3.3050, 21.3590



Tritanomaly

175.3810, 21.6370, 20.8770

Monochromacy



Original Color

176.3610, 16.3620, 33.8820



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

176.3140, 5.4080, 12.1280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3610, 16.3620, 33.8820 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(213, 150, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 150, 216)  
}
```

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(213, 150, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 150, 216) }
```

Border

The CSS property to change the border of an element to YIQ 176.3610, 16.3620, 33.8820 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(213, 150, 216) }
```


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

```
.border{ border-color:rgb(213, 150, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 150, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 150, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 150, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 150,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3610, 16.3620, 33.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 150, 216) }
```

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

```
.background{ background-color: rgb(213,  
150, 216) }
```

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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