

Converting Colors

YIQ(190.6010, 6.2780, 18.3900)

Have a look what the booklet for
YIQ(190.6010, 6.2780, 18.3900)
contains.

YIQ(190.6010, 6.2780, 18.3900)	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(190.6010, 6.2780,
18.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B1D7
RGB	208, 177, 215
RGB Percent	82%, 69%, 84%
CMY	0.1842, 0.3059, 0.1569
CMYK	0.03, 0.18, 0.00, 0.16
HSL	289°, 32%, 77%
HSV	289°, 18%, 84%
XYZ	54.0046, 49.7589, 71.0473
YIQ	190.6010, 6.2780, 18.3900

Conversions

Conversions Part 2

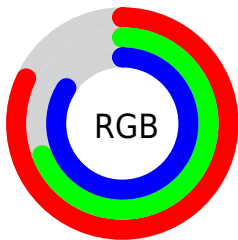
Format	Color
R _Y B	208, 177, 215
Decimal	13677015
CIE Lab	75.92, 17.92, -14.99
CIE LCh	76, 23.357, 320.089
Yxy	49.7589, 0.3089, 0.2846
Android (android.graphics.Color)	4291867095 (0xFFD0B1D7)
YUV	190.6010, 12.0287, 15.2589
Hunter-Lab	70.5400, 13.2125, -10.3384

Details

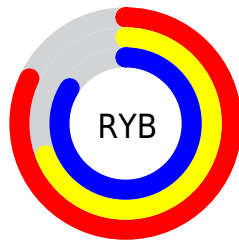
The YIQ color $190.6010, 6.2780, 18.3900$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $201.3990, -6.2780, -18.3900$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $136.7750, 5.7280, 17.3440$ is the 20% darker color. If you saturate the color by 10%, you get $176.4910, 9.9440, 29.0480$, and if you desaturate by 10%, it is $204.1240, 2.8870, 8.2550$.

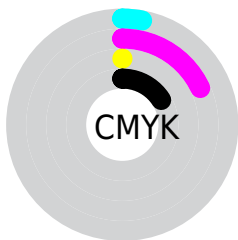
Distribution



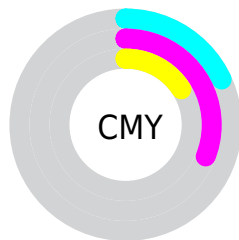
- Red (82%)
- Green (69%)
- Blue (84%)



- Red (82%)
- Yellow (69%)
- Blue (84%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.6010, 6.2780, 18.3900 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 190.6010, 6.2780, 18.3900 by changing the saturation by 10% instead.

■ 190.6010, 6.2780,
18.3900

■ 190.6010, 6.2780,
18.3900

255.0000, -0.0000,
-0.0000

■ 163.1880, 6.0030,
17.8670

■ 242.0860, 6.0500,
11.5060

■ 136.7750, 5.7280,
17.3440

■ 111.3620, 5.4530,
16.8210

■ 86.9490, 5.1780,
16.2980

■ 63.4220, 5.2240,
15.4640

■ 40.7100, 4.3530,
14.7290

■ 19.5960, 4.6740,

14.4180

■ 2.0520, -5.7780,
5.5980

■ 0.0000, 0.0000,
0.0000

■ 190.6010, 6.2780,
18.3900

■ 190.6010, 6.2780,
18.3900

■ 176.4910, 9.9440,
29.0480

■ 204.1240, 2.8870,
8.2550

■ 162.9680, 13.3350,
39.1830

■ 218.2340, -0.7790,
-2.4030

■ 148.8580, 17.0010,
49.8410

■ 231.7570, -4.1700,
-12.5380

■ 135.3350, 20.3920,
59.9760

■ 241.1710, -5.6360,
-19.0120

121.2250, 24.0580,
70.6340

242.3670, -3.2520,
-18.1640

107.7020, 27.4490,
80.7690

243.5630, -0.8680,
-17.3160

93.5920, 31.1150,
91.4270

244.7590, 1.5160,
-16.4680

80.0690, 34.5060,
101.5620

245.9550, 3.9000,
-15.6200

77.1340, 35.8810,
104.1770

247.1510, 6.2840,
-14.7720

Harmonies

Analogous

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



188.0050, -15.5910, 12.7370



190.6010, 6.2780, 18.3900



190.7680, 24.8010, 18.6010

Triad

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



190.6010, 6.2780, 18.3900



186.7410, 28.2900, -6.0940



177.7000, -43.5540, -14.6420

Complementary

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



190.6010, 6.2780, 18.3900



201.3990, -6.2780, -18.3900

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.



179.3780, -28.1480, -18.5160



190.6010, 6.2780, 18.3900



184.3860, 12.9320, -14.1080

Square

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



190.6010, 6.2780, 18.3900



188.5560, 36.5410, 4.0690



181.9150, -7.7910, -18.5030



179.7740, -46.3980, -7.1500

Rectangle

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



190.6010, 6.2780, 18.3900



190.5530, 32.5960, 14.9960



181.9150, -7.7910, -18.5030



178.3860, -39.7940, -16.7060

Sweetspot

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



190.6010, 6.2780, 18.3900



246.7710, 2.3830, 6.3750



186.0280, -14.3980, 7.6340



122.7060, 1.0080, 3.7600



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.



190.6010, 6.2780, 18.3900



220.3120, 8.8900, 26.1220



191.4400, 13.9810, 16.4530



99.9450, 1.8330, 5.3290



61.3540, 28.5490, 82.8610



15.3670, 7.0570, 20.7930

Inverse Universe

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



189.1600, 20.4010, 10.2330



218.2860, 28.9740, 14.5580



200.5600, -13.9810, -16.4530



99.5170, 5.9140, 2.9540



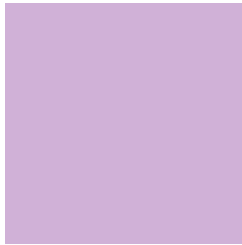
54.6630, 91.9650, 45.8930



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 190.6010, 6.2780, 18.3900 looks on a white background.

Color Contrast Check

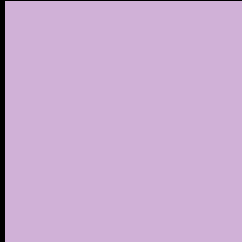
Large Text (above 18pt) WCAG AA × Fail

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 190.6010, 6.2780, 18.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

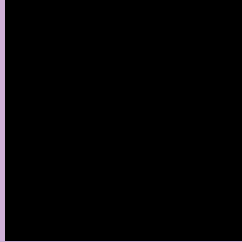
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.6010, 6.2780, 18.3900

Background



This preview shows how black text looks on a background with the YIQ color 190.6010, 6.2780, 18.3900.



This preview shows how white text looks on a background with the YIQ color 190.6010, 6.2780,

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

190.6010, 6.2780, 18.3900

Protanopia

188.1960, -14.8110, 9.6130

Deuteranopia

189.5240, -3.9910, 11.7610



Tritanopia

189.7720, 9.8100, 9.4420

Trichromacy



Original Color

190.6010, 6.2780, 18.3900

Protanomaly

189.1970, -7.3840, 12.6800

Deuteranomaly

189.8450, -0.4610, 13.8670

Tritanomaly

190.2820, 8.4340, 12.3540

Monochromacy



Original Color

190.6010, 6.2780, 18.3900

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.6010, 6.2780, 18.3900 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(208, 177, 215)` looks like.

```
.text, #text, p{  
    color:rgb(208, 177, 215)  
}
```

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(208, 177, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 177, 215) }
```

Border

The CSS property to change the border of an element to YIQ 190.6010, 6.2780, 18.3900 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(208, 177, 215) }
```


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

```
.border{ border-color:rgb(208, 177, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 177, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 177, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 177, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 177,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 190.6010, 6.2780, 18.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 177, 215) }
```

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

```
.background{ background-color: rgb(208,  
177, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor