

Converting Colors

YIQ(200.0200, 6.4160, 15.8880)

Have a look what the booklet for
YIQ(200.0200, 6.4160, 15.8880)
contains.

YIQ(200.0200, 6.4160, 15.8880)	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(200.0200, 6.4160,
15.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BCDC
RGB	216, 188, 220
RGB Percent	85%, 74%, 86%
CMY	0.1528, 0.2628, 0.1372
CMYK	0.02, 0.15, 0.00, 0.14
HSL	293°, 31%, 80%
HSV	293°, 15%, 86%
XYZ	59.2244, 55.7311, 75.3460
YIQ	200.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

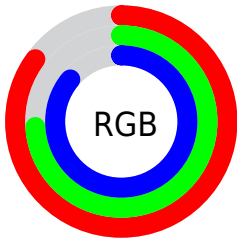
Format	Color
R _Y B	216, 188, 220
Decimal	14204124
CIE Lab	79.46, 15.59, -12.31
CIE LCh	79, 19.870, 321.704
Yxy	55.7311, 0.3112, 0.2929
Android (android.graphics.Color)	4292394204 (0xFFD8BCDC)
YUV	200.0200, 9.8501, 14.0145
Hunter-Lab	74.6532, 10.9657, -7.5829

Details

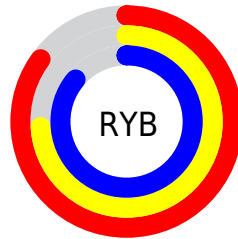
The YIQ color $200.0200, 6.4160, 15.8880$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $207.9800, -6.4160, -15.8880$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $146.1940, 5.8660, 14.8420$ is the 20% darker color. If you saturate the color by 10%, you get $186.2090, 10.6780, 26.7580$, and if you desaturate by 10%, it is $213.8310, 2.1540, 5.0180$.

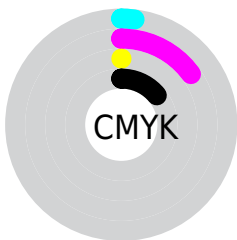
Distribution



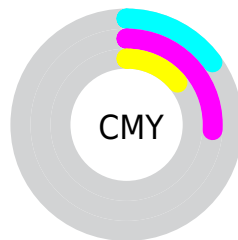
- Red (85%)
- Green (74%)
- Blue (86%)



- Red (85%)
- Yellow (74%)
- Blue (86%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.0200, 6.4160, 15.8880 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 200.0200, 6.4160, 15.8880 by changing the saturation by 10% instead.

■ 200.0200, 6.4160,
15.8880

■ 200.0200, 6.4160,
15.8880

255.0000, -0.0000,
-0.0000

■ 172.6070, 6.1410,
15.3650

■ 248.5430, 3.0250,
5.7530

■ 146.1940, 5.8660,
14.8420

■ 120.1940, 5.8660,
14.8420

■ 95.3680, 5.3160,
13.7960

■ 71.3680, 5.3160,
13.7960

■ 48.5420, 4.7660,
12.7500

■ 27.7160, 4.2160,

11.7040

■ 8.3030, 3.9410,
11.1810

■ 0.0000, 0.0000,
0.0000

■ 200.0200, 6.4160,
15.8880

■ 200.0200, 6.4160,
15.8880

■ 186.2090, 10.6780,
26.7580

■ 213.8310, 2.1540,
5.0180

■ 172.6970, 15.5360,
37.8400

■ 227.3430, -2.7040,
-6.0640

■ 158.8860, 19.7980,
48.7100

■ 241.1540, -6.9660,
-16.9340

■ 145.0750, 24.0600,
59.5800

■ 242.6380, -5.4530,
-16.8210

131.2640, 28.3220,
70.4500

243.5350, -3.6650,
-16.1850

117.7520, 33.1800,
81.5320

244.1330, -2.4730,
-15.7610

103.9410, 37.4420,
92.4020

245.0300, -0.6850,
-15.1250

90.1300, 41.7040,
103.2720

245.9270, 1.1030,
-14.4890

82.7870, 44.4080,
109.3360

246.8240, 2.8910,
-13.8530

Harmonies

Analogous

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



198.2180, -11.8770, 11.5070



200.0200, 6.4160, 15.8880



200.2190, 21.9130, 15.8730

Triad

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



200.0200, 6.4160, 15.8880



196.8160, 23.7050, -5.5990



189.7010, -36.1270, -11.5750

Complementary

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



200.0200, 6.4160, 15.8880



207.9800, -6.4160, -15.8880

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.



190.2260, -24.6640, -15.5760



200.0200, 6.4160, 15.8880



194.7710, 10.4100, -12.4540

Square

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



200.0200, 6.4160, 15.8880



198.3920, 31.1310, 2.9950



192.6810, -7.0120, -16.1000



191.4330, -38.0080, -5.0160

Rectangle

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



200.0200, 6.4160, 15.8880



199.9330, 28.4700, 12.6780



192.6810, -7.0120, -16.1000



189.9030, -33.8800, -13.7520

Sweetspot

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



200.0200, 6.4160, 15.8880



248.8310, 2.1540, 5.0180



193.9960, -11.3720, 7.8600



123.5920, 1.3290, 3.4490



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.



200.0200, 6.4160, 15.8880



228.2640, 8.8450, 21.4290



199.8480, 12.6520, 13.0040



102.9450, 1.8330, 5.3290



65.1700, 35.0590, 86.0270



17.2040, 9.0740, 22.7860

Inverse Universe

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



198.0240, 17.7880, 8.0280



225.4270, 24.0230, 10.6710



208.1520, -12.6520, -13.0040



102.4030, 6.2350, 2.6430



54.2350, 96.0460, 43.5180



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 200.0200, 6.4160, 15.8880 looks on a white background.

Color Contrast Check

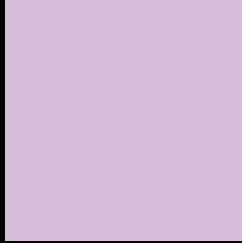
Large Text (above 18pt) WCAG AA × Fail

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 200.0200, 6.4160, 15.8880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

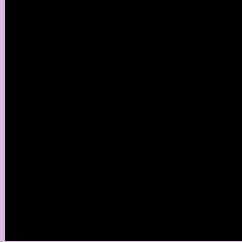
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.0200, 6.4160, 15.8880

Background



This preview shows how black text looks on a background with the YIQ color 200.0200, 6.4160, 15.8880.



This preview shows how white text looks on a background with the YIQ color 200.0200, 6.4160,

15.8880.

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

200.0200, 6.4160, 15.8880

Protanopia

197.5230, -11.4180, 8.6940

Deuteranopia

199.2640, -0.3230, 11.3650



Tritanopia

198.8860, 9.4890, 9.7530

Trichromacy



Original Color

200.0200, 6.4160, 15.8880

Protanomaly

198.2250, -4.5870, 11.5490

Deuteranomaly

199.8730, 2.3360, 12.7360

Tritanomaly

199.1680, 8.7550, 12.0430

Monochromacy



Original Color

200.0200, 6.4160, 15.8880

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.2440, 2.4290, 5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.0200, 6.4160, 15.8880 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(216, 188, 220)` looks like.

```
.text, #text, p{  
    color:rgb(216, 188, 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(216, 188, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 188, 220) }
```

Border

The CSS property to change the border of an element to YIQ 200.0200, 6.4160, 15.8880 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(216, 188, 220) }
```


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

```
.border{ border-color:rgb(216, 188, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 188, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 188, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 188, 220);  
box-shadow:4px 4px 4px 4px rgb(216, 188,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 200.0200, 6.4160, 15.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 188, 220) }
```

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

```
.background{ background-color: rgb(216,  
188, 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](#).

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