

# Converting Colors

YIQ(202.0860, 6.0500, 11.5060)

Have a look what the booklet for  
YIQ(202.0860, 6.0500, 11.5060)  
contains.

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# Color

**YIQ(202.0860, 6.0500,  
11.5060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7C1D7
RGB	215, 193, 215
RGB Percent	84%, 76%, 84%
CMY	0.1568, 0.2432, 0.1569
CMYK	0.00, 0.10, 0.00, 0.16
HSL	300°, 22%, 80%
HSV	300°, 10%, 84%
XYZ	59.3632, 57.4919, 72.2594
YIQ	202.0860, 6.0500, 11.5060

# Conversions

## Conversions Part 2

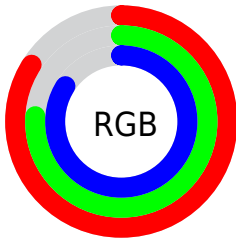
Format	Color
R <sub>YB</sub>	215, 193, 215
Decimal	14139863
CIE Lab	80.46, 11.64, -8.15
CIE LCh	80, 14.208, 325.002
Yxy	57.4919, 0.3139, 0.3040
Android (android.graphics.Color)	4292329943 (0xFFD7C1D7)
YUV	202.0860, 6.3666, 11.3256
Hunter-Lab	75.8234, 7.0592, -3.4268

# Details

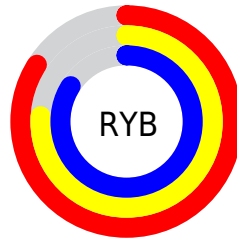
The YIQ color  $202.0860, 6.0500, 11.5060$  is a light color, and the websafe version is hex  $CCCCCC$ . A complement of this color would be  $205.9140, -6.0500, -11.5060$ , and the grayscale version is  $202.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.4780, 1.6500, 3.1380$ , and  $147.6730, 5.7750, 10.9830$  is the 20% darker color. If you saturate the color by 10%, you get  $189.1720, 12.1000, 23.0120$ , and if you desaturate by 10%, it is  $214.4130, 0.2750, 0.5230$ .

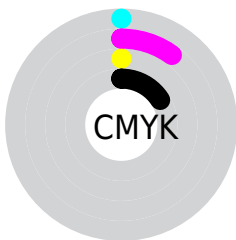
# Distribution



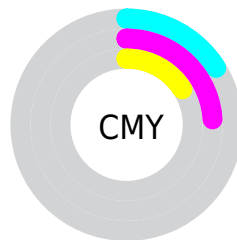
- Red (84%)
- Green (76%)
- Blue (84%)



- Red (84%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 202.0860, 6.0500, 11.5060 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 202.0860, 6.0500, 11.5060 by changing the saturation by 10% instead.



■ 202.0860, 6.0500,  
11.5060

■ 202.0860, 6.0500,  
11.5060

255.0000, -0.0000,  
-0.0000

■ 174.6730, 5.7750,  
10.9830

■ 251.4780, 1.6500,  
3.1380

■ 147.6730, 5.7750,  
10.9830

■ 122.2600, 5.5000,  
10.4600

■ 97.2600, 5.5000,  
10.4600

■ 73.5480, 4.6290,  
9.7250

■ 51.0210, 4.6750,  
8.8910

■ 29.7220, 4.0790,

8.6790

■ 8.1460, 5.8210,  
10.1490

■ 0.0000, 0.0000,  
0.0000

■ 202.0860, 6.0500,  
11.5060

■ 202.0860, 6.0500,  
11.5060

■ 189.1720, 12.1000,  
23.0120

■ 214.4130, 0.2750,  
0.5230

■ 176.8450, 17.8750,  
33.9950

■ 227.3270, -5.7750,  
-10.9830

■ 163.9310, 23.9250,  
45.5010

■ 238.4800,  
-11.0000, -20.9200

■ 151.6040, 29.7000,  
56.4840

■ 138.6900, 35.7500,  
67.9900

■ 126.3630, 41.5250,  
78.9730

■ 113.4490, 47.5750,  
90.4790

■ 101.1220, 53.3500,  
101.4620

■ 88.7950, 59.1250,  
112.4450

# Harmonies

## Analogous

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



200.9750, -6.8790, 9.0330



202.0860, 6.0500, 11.5060



202.4200, 16.7330, 10.6290

# Triad

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



202.0860, 6.0500, 11.5060



199.6350, 16.9650, -4.5950



195.0830, -25.3990, -7.7590

# Complementary

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



202.0860, 6.0500, 11.5060



205.9140, -6.0500, -11.5060

# 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.



195.0960, -18.2460, -10.7420



202.0860, 6.0500, 11.5060



197.8400, 5.9620, -8.9340

# Square

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



202.0860, 6.0500, 11.5060



201.1460, 23.0160, 1.3840



196.6150, -6.6460, -11.7180



196.3590, -25.9960, -2.4440



# Rectangle

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



202.0860, 6.0500, 11.5060



202.2910, 21.4100, 8.4660



196.6150, -6.6460, -11.7180



195.5130, -23.7940, -9.3140

# Sweetspot

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



202.0860, 6.0500, 11.5060



250.3040, 2.2000, 4.1840



195.5080, -7.0620, 6.8420



124.3640, 1.9710, 2.8270



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.



202.0860, 6.0500, 11.5060



236.8030, 8.5250, 16.2130



200.8320, 9.5810, 8.0850



100.5430, 3.0250, 5.7530



70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890



# Inverse Universe

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



202.0860, 6.0500, 11.5060



236.8030, 8.5250, 16.2130



207.1680, -9.5810, -8.0850



100.5430, 3.0250, 5.7530



70.6230, 47.0250, 89.4330

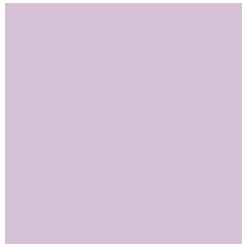


17.7590, 11.8250, 22.4890



# Previews

## White Background



This preview shows how the YIQ color 202.0860, 6.0500, 11.5060 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

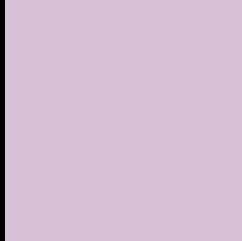
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 202.0860, 6.0500, 11.5060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

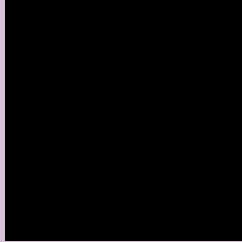
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 202.0860, 6.0500, 11.5060

## Background



This preview shows how black text looks on a background with the YIQ color 202.0860, 6.0500, 11.5060.



This preview shows how white text looks on a background with the YIQ color 202.0860, 6.0500,



# 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

202.0860, 6.0500, 11.5060

### Protanopia

200.2800, -6.4200, 6.2200

### Deuteranopia

201.7760, 3.9870, 10.3470



## Tritanopia

201.6900, 7.1050, 8.9050

# Trichromacy



## Original Color

202.0860, 6.0500, 11.5060

## Protanomaly

200.7860, -1.9730, 8.2270

## Deuteranomaly

202.0750, 4.5830, 10.5590

## Tritanomaly

201.9180, 6.4630, 9.5270

# Monochromacy



## Original Color

202.0860, 6.0500, 11.5060

## Achromatopsia

202.0000, -0.0000, 0.0000

## Achromatomaly

202.3040, 2.2000, 4.1840

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 202.0860, 6.0500, 11.5060 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(215, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 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(215, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 215) }
```

## Border

The CSS property to change the border of an element to YIQ 202.0860, 6.0500, 11.5060 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(215, 193, 215) }
```



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

```
.border{ border-color:rgb(215, 193, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
215) }
```

# Background

The CSS property to change the background color of an element to YIQ 202.0860, 6.0500, 11.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 215) }
```

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

```
.background{ background-color: rgb(215,  
193, 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](#).

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