

Converting Colors

YIQ(203.5220, 16.6860, 16.9900)

Have a look what the booklet for
YIQ(203.5220, 16.6860, 16.9900)
contains.

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Color

**YIQ(203.5220, 16.6860,
16.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BCD6
RGB	230, 188, 214
RGB Percent	90%, 74%, 84%
CMY	0.0979, 0.2628, 0.1607
CMYK	0.00, 0.18, 0.07, 0.10
HSL	323°, 46%, 82%
HSV	323°, 18%, 90%
XYZ	62.7612, 57.6425, 71.4444
YIQ	203.5220, 16.6860, 16.9900

Conversions

Conversions Part 2

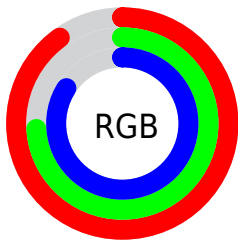
Format	Color
R _Y B	230, 188, 214
Decimal	15121622
CIE Lab	80.54, 19.28, -7.35
CIE LCh	81, 20.632, 339.144
Yxy	57.6425, 0.3271, 0.3005
Android (android.graphics.Color)	4293311702 (0xFFE6BCD6)
YUV	203.5220, 5.1657, 23.2212
Hunter-Lab	75.9226, 14.6918, -2.6470

Details

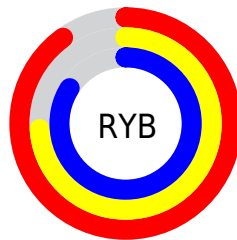
The YIQ color $203.5220, 16.6860, 16.9900$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $214.4780, -16.6860, -16.9900$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $149.3970, 15.5400, 15.7320$ is the 20% darker color. If you saturate the color by 10%, you get $188.9950, 25.9000, 26.2200$, and if you desaturate by 10%, it is $218.0490, 7.4720, 7.7600$.

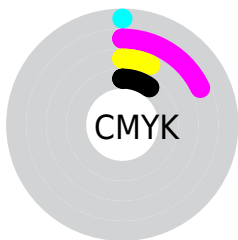
Distribution



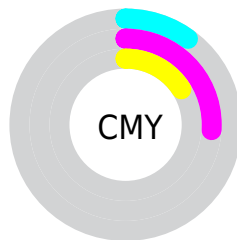
- Red (90%)
- Green (74%)
- Blue (84%)



- Red (90%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.5220, 16.6860, 16.9900 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 203.5220, 16.6860, 16.9900 by changing the saturation by 10% instead.


 203.5220, 16.6860,
16.9900


 203.5220, 16.6860,
16.9900


255.0000, -0.0000,
-0.0000


 176.1090, 16.4110,
16.4670


 248.5430, 3.0250,
5.7530

 149.3970, 15.5400,
15.7320

 123.0980, 14.9440,
15.5200

 97.7990, 14.3480,
15.3080

 74.0870, 13.4770,
14.5730

 51.3750, 12.6060,
13.8380

 29.0760, 12.0100,

13.6260

■ 11.1360, 11.7810,
12.2690

■ 0.0000, 0.0000,
0.0000

■ 203.5220, 16.6860,
16.9900

■ 203.5220, 16.6860,
16.9900

■ 188.9950, 25.9000,
26.2200

■ 218.0490, 7.4720,
7.7600

■ 174.4680, 35.1140,
35.4500

■ 232.5760, -1.7420,
-1.4700

■ 160.0550, 44.0070,
44.9910

■ 245.8150,
-10.0850, -9.9650

■ 145.5280, 53.2210,
54.2210

■ 246.8410,
-12.9740, -7.1660

■ 131.0010, 62.4350,
63.4510

■ 247.5250,
-14.9000, -5.3000

■ 116.4740, 71.6490,
72.6810

■ 102.0610, 80.5420,
82.2220

■ 87.5340, 89.7560,
91.4520

■ 84.9580, 91.4980,
92.9220

Harmonies

Analogous

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



202.6000, -1.1490, 15.3230



203.5220, 16.6860, 16.9900



203.1720, 29.2950, 14.2470

Triad

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



203.5220, 16.6860, 16.9900



198.3590, 17.5620, -9.9100



193.2430, -40.5290, -8.8890

Complementary

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



203.5220, 16.6860, 16.9900



214.4780, -16.6860, -16.9900

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.



192.3760, -33.8340, -14.5860



203.5220, 16.6860, 16.9900



196.2150, 0.2320, -15.2240

Square

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



203.5220, 16.6860, 16.9900



200.4470, 29.2980, -2.3340



194.1080, -18.5200, -16.7920



196.1500, -35.5330, -0.3090

Rectangle

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



203.5220, 16.6860, 16.9900



202.8640, 32.9180, 9.1580



194.1080, -18.5200, -16.7920



192.3740, -39.5200, -10.6560

Sweetspot

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



203.5220, 16.6860, 16.9900



246.7990, 5.1800, 5.2440



197.2730, -4.5420, 16.2420



122.9620, 3.1630, 3.2510



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.



203.5220, 16.6860, 16.9900



219.7340, 22.1410, 22.7570



201.2420, 23.1060, 10.7700



107.3860, 4.9050, 4.7210



66.0610, 71.3740, 72.1580



18.8970, 20.1240, 20.7640

Inverse Universe

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



203.5220, 16.6860, 16.9900



219.7340, 22.1410, 22.7570



216.7580, -23.1060, -10.7700



107.3860, 4.9050, 4.7210



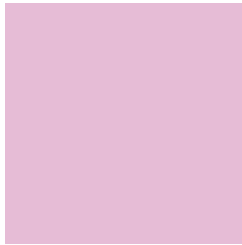
66.0610, 71.3740, 72.1580



18.8970, 20.1240, 20.7640

Previews

White Background



This preview shows how the YIQ color 203.5220, 16.6860, 16.9900 looks on a white background.

Color Contrast Check

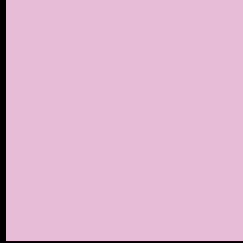
Large Text (above 18pt) WCAG AA × Fail

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 203.5220, 16.6860, 16.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

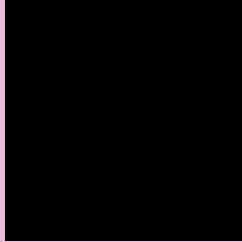
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.5220, 16.6860, 16.9900

Background



This preview shows how black text looks on a background with the YIQ color 203.5220, 16.6860, 16.9900.



This preview shows how white text looks on a background with the YIQ color 203.5220, 16.6860,

16.9900.

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

203.5220, 16.6860, 16.9900

Protanopia

201.2090, -7.6580, 6.6300

Deuteranopia

202.1460, 5.8210, 10.1490



Tritanopia

203.2570, 18.7500, 12.6220

Trichromacy



Original Color

203.5220, 16.6860, 16.9900

Protanomaly

202.1070, 1.5570, 10.3330

Deuteranomaly

202.7660, 9.9470, 12.4670

Tritanomaly

203.1260, 17.7410, 14.3890

Monochromacy



Original Color

203.5220, 16.6860, 16.9900

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.6250, 5.7300, 6.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.5220, 16.6860, 16.9900 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(230, 188, 214)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 214)  
}
```

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(230, 188, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 214) }
```

Border

The CSS property to change the border of an element to YIQ 203.5220, 16.6860, 16.9900 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(230, 188, 214) }
```


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

```
.border{ border-color:rgb(230, 188, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 188, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 188, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 188, 214);  
box-shadow:4px 4px 4px 4px rgb(230, 188,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 203.5220, 16.6860, 16.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 188, 214) }
```

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

```
.background{ background-color: rgb(230,  
188, 214) }
```

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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