

Converting Colors

YIQ(208.0170, 19.6660, 18.0500)

Have a look what the booklet for
YIQ(208.0170, 19.6660, 18.0500)
contains.

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Color

**YIQ(208.0170, 19.6660,
18.0500)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBFD9
RGB	238, 191, 217
RGB Percent	93%, 75%, 85%
CMY	0.0665, 0.2510, 0.1490
CMYK	0.00, 0.20, 0.09, 0.07
HSL	327°, 58%, 84%
HSV	327°, 20%, 93%
XYZ	66.4237, 60.4463, 73.8221
YIQ	208.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

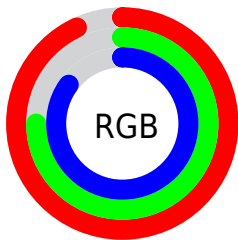
Format	Color
R _Y B	238, 191, 217
Decimal	15646681
CIE Lab	82.08, 20.95, -6.60
CIE LCh	82, 21.963, 342.522
Yxy	60.4463, 0.3310, 0.3012
Android (android.graphics.Color)	4293836761 (0xFFEEBFD9)
YUV	208.0170, 4.4286, 26.2951
Hunter-Lab	77.7472, 16.4445, -1.8736

Details

The YIQ color **208.0170, 19.6660, 18.0500** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **220.9830, -19.6660, -18.0500**, and the grayscale version is **208.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **250.8910, 1.9250, 3.6610**, and **153.3050, 18.7950, 17.3150** is the 20% darker color. If you saturate the color by 10%, you get **192.6750, 29.7970, 27.1810**, and if you desaturate by 10%, it is **223.3590, 9.5350, 8.9190**.

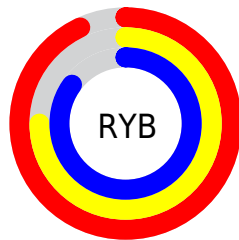
Distribution



Red (93%)

Green (75%)

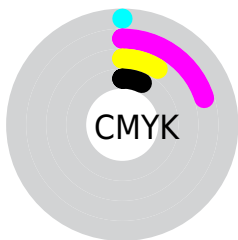
Blue (85%)



Red (93%)

Yellow (75%)

Blue (85%)

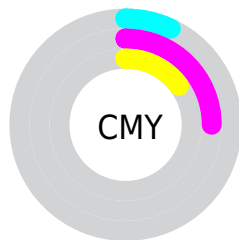


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (25%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.0170, 19.6660, 18.0500 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 208.0170, 19.6660, 18.0500 by changing the saturation by 10% instead.


 208.0170, 19.6660,
18.0500


 208.0170, 19.6660,
18.0500


255.0000, -0.0000,
-0.0000


 180.6040, 19.3910,
17.5270


 250.8910, 1.9250,
3.6610

 153.3050, 18.7950,
17.3150

 127.5930, 17.9240,
16.5800

 101.9950, 16.7320,
16.1560

 77.5820, 16.4570,
15.6330

 54.5710, 14.9900,
14.6860

 31.9730, 13.7980,

14.2620

■ 12.8590, 14.1190,
13.9510

■ 0.0000, 0.0000,
0.0000

■ 208.0170, 19.6660,
18.0500

■ 208.0170, 19.6660,
18.0500

■ 192.6750, 29.7970,
27.1810

■ 223.3590, 9.5350,
8.9190

■ 177.4470, 39.6070,
36.6230

■ 238.5870, -0.2750,
-0.5230

■ 162.6920, 49.4630,
45.2310

■ 249.2330, -8.2060,
-5.4700

■ 147.3500, 59.5940,
54.3620

■ 249.9170,
-10.1320, -3.6040

■ 132.1220, 69.4040,
63.8040

■ 116.7800, 79.5350,
72.9350

■ 101.5520, 89.3450,
82.3770

■ 86.7970, 99.2010,
90.9850

■ 86.2100, 99.4760,
91.5080

Harmonies

Analogous

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



207.0240, 0.5930, 16.7930



208.0170, 19.6660, 18.0500



207.7270, 32.0460, 13.9500

Triad

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



208.0170, 19.6660, 18.0500



202.7070, 16.4620, -12.0020



196.8020, -43.6010, -8.2810

Complementary

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



208.0170, 19.6660, 18.0500



220.9830, -19.6660, -18.0500

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.



195.8100, -38.0520, -15.2360



208.0170, 19.6660, 18.0500



199.7910, -1.5100, -16.6940

Square

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



208.0170, 19.6660, 18.0500



204.6920, 29.9860, -3.7900



197.3140, -22.0960, -18.0640



200.6060, -36.8170, 0.9350

Rectangle

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



208.0170, 19.6660, 18.0500



206.5330, 35.3480, 9.1720



197.3140, -22.0960, -18.0640



196.1070, -43.1420, -11.0940

Sweetspot

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



208.0170, 19.6660, 18.0500



245.3970, 6.3720, 5.6680



202.3380, -3.1670, 18.8570



122.2610, 3.7590, 3.4630



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.



208.0170, 19.6660, 18.0500



216.1150, 25.4420, 23.5060



205.3950, 27.0490, 10.8970



112.2720, 5.2260, 4.4100



66.6440, 76.9220, 70.7300



20.2780, 23.4250, 21.5130

Inverse Universe

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



208.0170, 19.6660, 18.0500



216.1150, 25.4420, 23.5060



223.6050, -27.0490, -10.8970



112.2720, 5.2260, 4.4100



66.6440, 76.9220, 70.7300



20.2780, 23.4250, 21.5130

Previews

White Background



This preview shows how the YIQ color 208.0170, 19.6660, 18.0500 looks on a white background.

Color Contrast Check

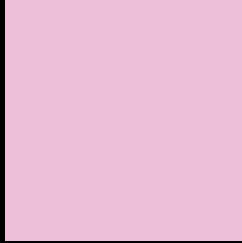
Large Text (above 18pt) WCAG AA × Fail

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 208.0170, 19.6660, 18.0500 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 208.0170, 19.6660, 18.0500

Background



This preview shows how black text looks on a background with the YIQ color 208.0170, 19.6660, 18.0500.



This preview shows how white text looks on a background with the YIQ color 208.0170, 19.6660,

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

208.0170, 19.6660, 18.0500

Protanopia

205.0950, -7.3370, 6.3190

Deuteranopia

206.3310, 6.7380, 10.0500



Tritanopia

207.8660, 21.4090, 13.9930

Trichromacy



Original Color

208.0170, 19.6660, 18.0500

Protanomaly

206.2920, 2.4740, 10.2340

Deuteranomaly

206.6630, 11.7350, 13.1030

Tritanomaly

207.6210, 20.7210, 15.4490

Monochromacy



Original Color

208.0170, 19.6660, 18.0500

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.0170, 19.6660, 18.0500 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(238, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(238, 191, 217)  
}
```

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(238, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 191, 217) }
```

Border

The CSS property to change the border of an element to YIQ 208.0170, 19.6660, 18.0500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

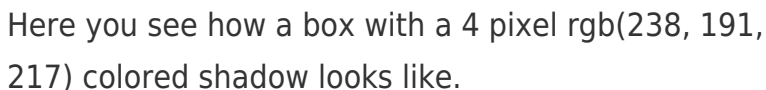
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 191, 217) }
```


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

```
.border{ border-color:rgb(238, 191, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 191, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 191, 217); box-shadow:4px 4px 4px 4px rgb(238, 191, 217) }
```

Background

The CSS property to change the background color of an element to YIQ 208.0170, 19.6660, 18.0500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 191, 217) }
```

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

```
.background{ background-color: rgb(238,  
191, 217) }
```

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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