

Converting Colors

YIQ(180.9700, 17.8800, 6.3600)

Have a look what the booklet for
YIQ(180.9700, 17.8800, 6.3600)
contains.

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Color

**YIQ(180.9700, 17.8800,
6.3600)**

Conversions

Conversions Part 1

Format	Color
Hex	CAACAC
RGB	202, 172, 172
RGB Percent	79%, 67%, 67%
CMY	0.2078, 0.3255, 0.3254
CMYK	0.00, 0.15, 0.15, 0.21
HSL	360°, 22%, 73%
HSV	360°, 15%, 79%
XYZ	46.5603, 45.0386, 45.2782
YIQ	180.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

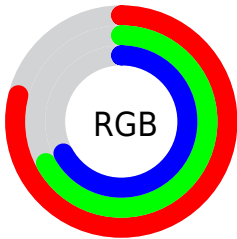
Format	Color
R _{YB}	202, 172, 172
Decimal	13282476
CIE Lab	72.92, 10.89, 4.02
CIE LCh	73, 11.607, 20.286
Yxy	45.0386, 0.3402, 0.3290
Android (android.graphics.Color)	4291472556 (0xFFCAACAC)
YUV	180.9700, -4.4222, 18.4433
Hunter-Lab	67.1108, 6.3963, 6.9759

Details

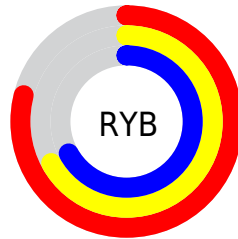
The YIQ color **180.9700, 17.8800, 6.3600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.0300, -17.8800, -6.3600**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3720, 16.6880, 5.9360**, and **128.3720, 16.6880, 5.9360** is the 20% darker color. If you saturate the color by 10%, you get **166.9500, 29.8000, 10.6000**, and if you desaturate by 10%, it is **194.9900, 5.9600, 2.1200**.

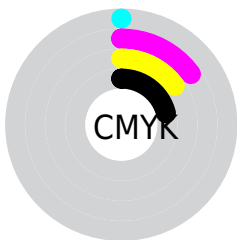
Distribution



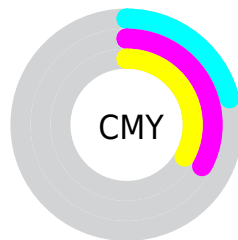
- Red (79%)
- Green (67%)
- Blue (67%)



- Red (79%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (21%)



- Cyan (21%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.9700, 17.8800, 6.3600 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 180.9700, 17.8800, 6.3600 by changing the saturation by 10% instead.

■ 180.9700, 17.8800,
6.3600

■ 180.9700, 17.8800,
6.3600

255.0000, -0.0000,
-0.0000

■ 153.6710, 17.2840,
6.1480

■ 235.3720, 16.6880,
5.9360

■ 128.3720, 16.6880,
5.9360

■ 103.0730, 16.0920,
5.7240

■ 78.4750, 14.9000,
5.3000

■ 55.8770, 13.7080,
4.8760

■ 33.6920, 12.7910,
4.9750

■ 10.2580, 17.0090,

5.6250

■ 0.0000, 0.0000,
0.0000

■ 180.9700, 17.8800,
6.3600

■ 180.9700, 17.8800,
6.3600

■ 166.9500, 29.8000,
10.6000

■ 194.9900, 5.9600,
2.1200

■ 152.9300, 41.7200,
14.8400

■ 209.0100, -5.9600,
-2.1200

■ 138.2090, 54.2360,
19.2920

■ 223.7310,
-18.4760, -6.5720

■ 124.1890, 66.1560,
23.5320

■ 237.7510,
-30.3960, -10.8120

■ 110.1690, 78.0760,
27.7720

■ 239.1530,
-31.5880, -11.2360

■ 96.1490, 89.9960,
32.0120

■ 82.1290, 101.9160,
36.2520

■ 67.5220, 114.1110,
41.0150

■ 60.3980, 120.3920,
42.8240

Harmonies

Analogous

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



181.3270, 12.5610, 9.1450



180.9700, 17.8800, 6.3600



180.2210, 18.4310, 1.8790

Triad

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



180.9700, 17.8800, 6.3600



176.4630, -3.1620, -8.7780



178.0830, -16.2310, 2.3050

Complementary

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



180.9700, 17.8800, 6.3600



193.0300, -17.8800, -6.3600

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.



176.5830, -20.8150, -2.7270



180.9700, 17.8800, 6.3600



175.4880, -13.4780, -9.0460

Square

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



180.9700, 17.8800, 6.3600



178.1930, 6.4660, -7.0540



175.2470, -19.9890, -6.6850



179.5080, -7.0620, 6.8420

Rectangle

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



180.9700, 17.8800, 6.3600



179.4440, 16.1850, -1.4710



175.2470, -19.9890, -6.6850



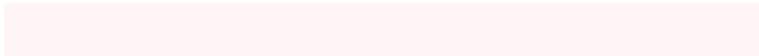
177.3600, -18.5690, 0.6230

Sweetspot

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



180.9700, 17.8800, 6.3600



247.9900, 5.9600, 2.1200



184.3900, 8.2500, 15.6900



123.0930, 4.1720, 1.4840



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.



180.9700, 17.8800, 6.3600



222.7540, 27.4160, 9.7520



189.7750, 13.7550, -1.4850



94.9900, 5.9600, 2.1200



49.6340, 98.9360, 35.1920



11.3620, 22.6480, 8.0560

Inverse Universe

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



180.9700, 17.8800, 6.3600



222.7540, 27.4160, 9.7520



184.8120, -14.0300, 0.9620



94.9900, 5.9600, 2.1200



49.6340, 98.9360, 35.1920



11.3620, 22.6480, 8.0560

Previews

White Background



This preview shows how the YIQ color 180.9700, 17.8800, 6.3600 looks on a white background.

Color Contrast Check

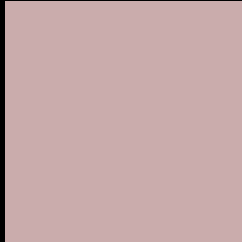
Large Text (above 18pt) WCAG AA × Fail

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 180.9700, 17.8800, 6.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

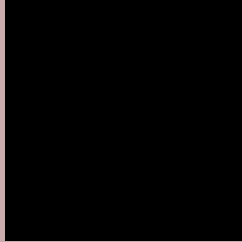
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.9700, 17.8800, 6.3600

Background



This preview shows how black text looks on a background with the YIQ color 180.9700, 17.8800, 6.3600.



This preview shows how white text looks on a background with the YIQ color 180.9700, 17.8800,

6.3600.

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

180.9700, 17.8800, 6.3600

Protanopia

179.2670, 3.6220, 0.4380

Deuteranopia

180.6600, 15.8170, 5.2010



Tritanopia

181.3490, 15.4950, 11.0390

Trichromacy



Original Color

180.9700, 17.8800, 6.3600

Protanomaly

180.0720, 8.6650, 2.6570

Deuteranomaly

180.9590, 16.4130, 5.4130

Tritanomaly

181.4800, 16.5040, 9.2720

Monochromacy



Original Color

180.9700, 17.8800, 6.3600

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.2890, 6.5560, 2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9700, 17.8800, 6.3600 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(202, 172, 172)` looks like.

```
.text, #text, p{  
    color:rgb(202, 172, 172)  
}
```

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(202, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 172, 172) }
```

Border

The CSS property to change the border of an element to YIQ 180.9700, 17.8800, 6.3600 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(202, 172, 172) }
```


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

```
.border{ border-color:rgb(202, 172, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 172, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(202, 172,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9700, 17.8800, 6.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 172, 172) }
```

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

```
.background{ background-color: rgb(202,  
172, 172) }
```

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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