

Converting Colors

YIQ(178.7730, 17.2370, 12.5090)

Have a look what the booklet for
YIQ(178.7730, 17.2370, 12.5090)
contains.

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Color

**YIQ(178.7730, 17.2370,
12.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA6B5
RGB	203, 166, 181
RGB Percent	80%, 65%, 71%
CMY	0.2038, 0.3491, 0.2901
CMYK	0.00, 0.18, 0.11, 0.20
HSL	336°, 26%, 72%
HSV	336°, 18%, 80%
XYZ	46.6107, 43.3036, 49.6256
YIQ	178.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

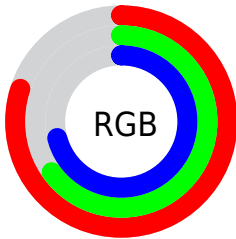
Format	Color
R _Y B	203, 166, 181
Decimal	13346485
CIE Lab	71.76, 16.01, -2.60
CIE LCh	72, 16.225, 350.768
Yxy	43.3036, 0.3340, 0.3103
Android (android.graphics.Color)	4291536565 (0xFFCBA6B5)
YUV	178.7730, 1.0979, 21.2471
Hunter-Lab	65.8055, 11.2740, 1.3517

Details

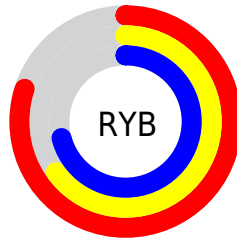
The YIQ color **178.7730, 17.2370, 12.5090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.2270, -17.2370, -12.5090**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.9900, 15.1280, 12.1840**, and **126.0610, 16.3660, 11.7740** is the 20% darker color. If you saturate the color by 10%, you get **165.6650, 26.5890, 19.2370**, and if you desaturate by 10%, it is **191.8810, 7.8850, 5.7810**.

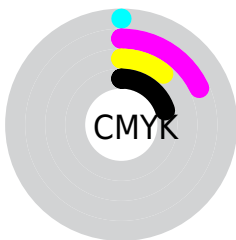
Distribution



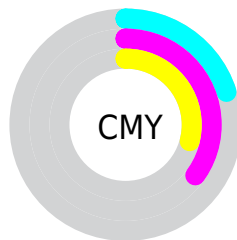
- Red (80%)
- Green (65%)
- Blue (71%)



- Red (80%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (20%)




- Cyan (20%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.7730, 17.2370, 12.5090 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 178.7730, 17.2370, 12.5090 by changing the saturation by 10% instead.


 178.7730, 17.2370,
12.5090


 178.7730, 17.2370,
12.5090


255.0000, -0.0000,
-0.0000


 152.0610, 16.3660,
11.7740


 232.9900, 15.1280,
12.1840


 126.0610, 16.3660,
11.7740

 252.0650, 1.3750,
2.6150

 100.4630, 15.1740,
11.3500

 76.7510, 14.3030,
10.6150

 53.4520, 13.7070,
10.4030

 31.8540, 12.5150,
9.9790

 10.7510, 14.3030,

10.6150

■ 0.0000, 0.0000,
0.0000

■ 178.7730, 17.2370,
12.5090

■ 178.7730, 17.2370,
12.5090

■ 165.6650, 26.5890,
19.2370

■ 191.8810, 7.8850,
5.7810

■ 151.9700, 36.2160,
26.4880

■ 205.5760, -1.7420,
-1.4700

■ 138.8620, 45.5680,
33.2160

■ 218.6840,
-11.0940, -8.1980

■ 125.7540, 54.9200,
39.9440

■ 231.7920,
-20.4460, -14.9260

■ 112.0590, 64.5470,
47.1950

■ 237.8560,
-26.4980, -15.3780

■ 98.9510, 73.8990,
53.9230

■ 239.2240,
-30.3500, -11.6460

■ 85.8430, 83.2510,
60.6510

■ 239.4520,
-30.9920, -11.0240

■ 72.6210, 92.9240,
67.0680

■ 70.0450, 94.6660,
68.5380

Harmonies

Analogous

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



178.5420, 4.7660, 12.7500



178.7730, 17.2370, 12.5090



178.2590, 24.4360, 8.6920

Triad

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



178.7730, 17.2370, 12.5090



174.2810, 9.0340, -9.5420



171.2660, -30.1680, -3.9280

Complementary

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



178.7730, 17.2370, 12.5090



190.2270, -17.2370, -12.5090

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.



170.1750, -28.6540, -9.3420



178.7730, 17.2370, 12.5090



172.5720, -5.0870, -12.4390

Square

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



178.7730, 17.2370, 12.5090



175.7170, 19.6700, -4.0580



170.8570, -19.0710, -12.3110



174.4890, -23.2460, 2.7860

Rectangle

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



178.7730, 17.2370, 12.5090



177.8090, 25.5830, 4.4230



170.8570, -19.0710, -12.3110



170.9130, -30.6720, -5.8080

Sweetspot

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



178.7730, 17.2370, 12.5090



246.4570, 6.1430, 4.3110



176.7960, 1.2350, 16.1710



122.7340, 3.8050, 2.6290



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.



178.7730, 17.2370, 12.5090



218.3660, 25.9930, 19.0250



178.8240, 21.2270, 6.2750



95.4460, 4.6760, 3.3640



57.2720, 77.4290, 56.0290



13.1860, 17.5120, 13.0320

Inverse Universe

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



178.7730, 17.2370, 12.5090



218.3660, 25.9930, 19.0250



190.1760, -21.2270, -6.2750



95.4460, 4.6760, 3.3640



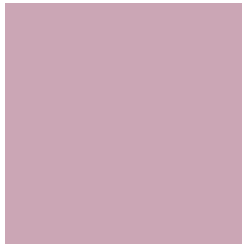
57.2720, 77.4290, 56.0290



13.1860, 17.5120, 13.0320

Previews

White Background



This preview shows how the YIQ color 178.7730, 17.2370, 12.5090 looks on a white background.

Color Contrast Check

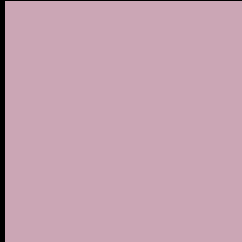
Large Text (above 18pt) WCAG AA × Fail

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 178.7730, 17.2370, 12.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

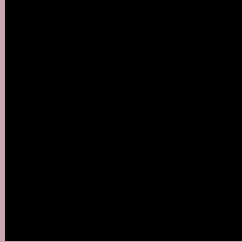
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.7730, 17.2370, 12.5090

Background



This preview shows how black text looks on a background with the YIQ color 178.7730, 17.2370, 12.5090.



This preview shows how white text looks on a background with the YIQ color 178.7730, 17.2370,

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

178.7730, 17.2370, 12.5090

Protanopia

176.5530, -2.9350, 3.6330

Deuteranopia

178.0060, 9.0310, 7.0390



Tritanopia

178.5450, 17.8790, 11.8870

Trichromacy



Original Color

178.7730, 17.2370, 12.5090

Protanomaly

177.5540, 4.4920, 6.7000

Deuteranomaly

178.0280, 11.9650, 8.9330

Tritanomaly

178.6590, 17.5580, 12.1980

Monochromacy



Original Color

178.7730, 17.2370, 12.5090

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7730, 17.2370, 12.5090 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(203, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 166, 181)  
}
```

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(203, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 166, 181) }
```

Border

The CSS property to change the border of an element to YIQ 178.7730, 17.2370, 12.5090 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(203, 166, 181) }
```


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

```
.border{ border-color:rgb(203, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 166,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7730, 17.2370, 12.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 166, 181) }
```

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

```
.background{ background-color: rgb(203,  
166, 181) }
```

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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