

Converting Colors

YIQ(195.6880, 1.4190, 12.8350)

Have a look what the booklet for
YIQ(195.6880, 1.4190, 12.8350)
contains.

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Color

**YIQ(195.6880, 1.4190,
12.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBBD8
RGB	205, 187, 216
RGB Percent	80%, 73%, 85%
CMY	0.1960, 0.2667, 0.1530
CMYK	0.05, 0.13, 0.00, 0.15
HSL	277°, 27%, 79%
HSV	277°, 13%, 85%
XYZ	55.3440, 53.4765, 72.3679
YIQ	195.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

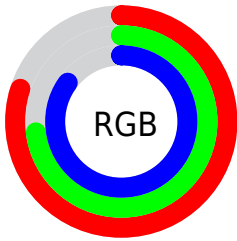
Format	Color
R _Y B	205, 187, 216
Decimal	13482968
CIE Lab	78.16, 11.68, -12.20
CIE LCh	78, 16.891, 313.750
Yxy	53.4765, 0.3054, 0.2951
Android (android.graphics.Color)	4291673048 (0xFFCDBBD8)
YUV	195.6880, 10.0138, 8.1666
Hunter-Lab	73.1276, 7.1179, -7.4847

Details

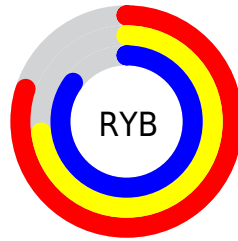
The YIQ color $195.6880, 1.4190, 12.8350$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $207.3120, -1.4190, -12.8350$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.9560, 3.3000, 6.2760$, and $142.1610, 1.4650, 12.0010$ is the 20% darker color. If you saturate the color by 10%, you get $180.3820, 2.7010, 22.6450$, and if you desaturate by 10%, it is $210.9940, 0.1370, 3.0250$.

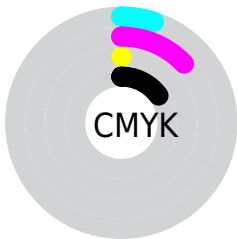
Distribution



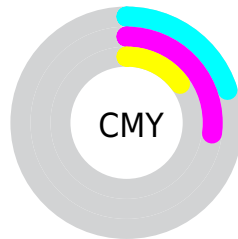
- Red (80%)
- Green (73%)
- Blue (85%)



- Red (80%)
- Yellow (73%)
- Blue (85%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6880, 1.4190, 12.8350 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 195.6880, 1.4190, 12.8350 by changing the saturation by 10% instead.

■ 195.6880, 1.4190,
12.8350

■ 195.6880, 1.4190,
12.8350

255.0000, -0.0000,
-0.0000

■ 168.2750, 1.1440,
12.3120

■ 247.9560, 3.3000,
6.2760

■ 142.1610, 1.4650,
12.0010

■ 116.1610, 1.4650,
12.0010

■ 91.7480, 1.1900,
11.4780

■ 68.2210, 1.2360,
10.6440

■ 45.8080, 0.9610,
10.1210

■ 24.9820, 0.4110,

9.0750

■ 2.1660, -6.0990,
5.9090

■ 0.0000, 0.0000,
0.0000

■ 195.6880, 1.4190,
12.8350

■ 195.6880, 1.4190,
12.8350

■ 180.3820, 2.7010,
22.6450

■ 210.9940, 0.1370,
3.0250

■ 165.6630, 3.7080,
31.9320

■ 225.7130, -0.8700,
-6.2620

■ 150.0580, 4.3940,
41.5300

■ 241.3180, -1.5560,
-15.8600

■ 135.3390, 5.4010,
50.8170

■ 245.4710, 2.3870,
-15.7330

■ 120.0330, 6.6830,
60.6270

■ 247.8630, 7.1550,
-14.0370

■ 104.7270, 7.9650,
70.4370

■ 250.2550, 11.9230,
-12.3410

■ 90.0080, 8.9720,
79.7240

■ 250.5540, 12.5190,
-12.1290

■ 74.7020, 10.2540,
89.5340

■ 64.6900, 10.5280,
95.5840

Harmonies

Analogous

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



193.4410, -14.1230, 8.1570



195.6880, 1.4190, 12.8350



196.2290, 15.9530, 13.7530

Triad

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



195.6880, 1.4190, 12.8350



193.6250, 22.9250, -2.4750



188.0070, -28.2410, -11.3210

Complementary

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



195.6880, 1.4190, 12.8350



207.3120, -1.4190, -12.8350

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.



188.5860, -16.8700, -13.6540



195.6880, 1.4190, 12.8350



192.2490, 12.0600, -9.3160

Square

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



195.6880, 1.4190, 12.8350



195.1790, 27.4170, 4.2250



190.0130, -2.0150, -13.0470



188.4290, -32.1850, -5.9210

Rectangle

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



195.6880, 1.4190, 12.8350



195.9970, 22.4180, 12.2260



190.0130, -2.0150, -13.0470



188.0350, -25.4440, -12.4520

Sweetspot

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



195.6880, 1.4190, 12.8350



247.9340, 0.3660, 4.3820



196.7630, -12.3340, 3.2660



122.9940, 0.1370, 3.0250



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.



195.6880, 1.4190, 12.8350



226.4480, 2.3350, 18.2630



198.6350, 8.9380, 14.2340



99.3470, 0.6410, 4.9050



51.1880, 8.2850, 75.6530



12.9750, 2.2890, 19.0970

Inverse Universe

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



196.9250, 13.7530, 9.5690



228.0830, 19.3000, 13.6680



204.3650, -8.9380, -14.2340



99.7450, 5.2720, 3.5760



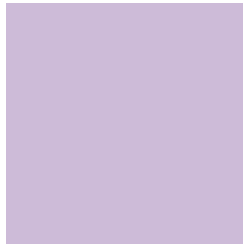
58.5390, 81.0510, 56.4670



14.6810, 20.4920, 14.0920

Previews

White Background



This preview shows how the YIQ color 195.6880, 1.4190, 12.8350 looks on a white background.

Color Contrast Check

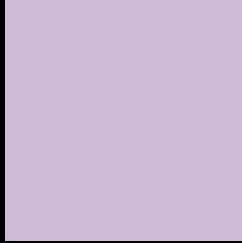
Large Text (above 18pt) WCAG AA × Fail

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 195.6880, 1.4190, 12.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

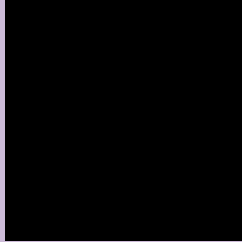
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6880, 1.4190, 12.8350

Background



This preview shows how black text looks on a background with the YIQ color 195.6880, 1.4190, 12.8350.



This preview shows how white text looks on a background with the YIQ color 195.6880, 1.4190,

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

195.6880, 1.4190, 12.8350

Protanopia

194.1810, -10.4550, 7.7610

Deuteranopia

195.3780, -0.6440, 11.6760



Tritanopia

194.8960, 3.5290, 7.6330

Trichromacy



Original Color

195.6880, 1.4190, 12.8350

Protanomaly

194.6870, -6.0080, 9.7680

Deuteranomaly

195.6770, -0.0480, 11.8880

Tritanomaly

195.0640, 3.1160, 9.6120

Monochromacy



Original Color

195.6880, 1.4190, 12.8350

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6880, 1.4190, 12.8350 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(205, 187, 216)` looks like.

```
.text, #text, p{  
    color:rgb(205, 187, 216)  
}
```

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(205, 187, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 187, 216) }
```

Border

The CSS property to change the border of an element to YIQ 195.6880, 1.4190, 12.8350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

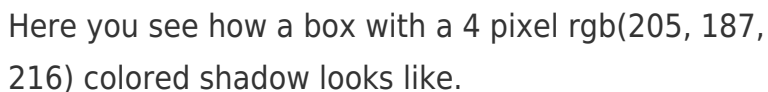
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 187, 216) }
```


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

```
.border{ border-color:rgb(205, 187, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 187, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 187, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 187, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 187,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6880, 1.4190, 12.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 187, 216) }
```

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

```
.background{ background-color: rgb(205,  
187, 216) }
```

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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