

Converting Colors

YIQ(192.6880, 1.4190, 12.8350)

Have a look what the booklet for
YIQ(192.6880, 1.4190, 12.8350)
contains.

YIQ(192.6880, 1.4190, 12.8350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(192.6880, 1.4190,
12.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB8D5
RGB	202, 184, 213
RGB Percent	79%, 72%, 84%
CMY	0.2078, 0.2784, 0.1647
CMYK	0.05, 0.14, 0.00, 0.16
HSL	277°, 26%, 78%
HSV	277°, 14%, 84%
XYZ	53.5100, 51.6405, 70.0953
YIQ	192.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

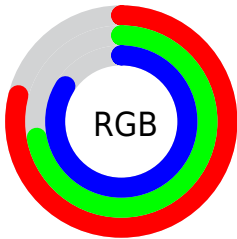
Format	Color
R _Y B	202, 184, 213
Decimal	13285589
CIE Lab	77.07, 11.72, -12.23
CIE LCh	77, 16.939, 313.758
Yxy	51.6405, 0.3053, 0.2947
Android (android.graphics.Color)	4291475669 (0xFFCAB8D5)
YUV	192.6880, 10.0138, 8.1666
Hunter-Lab	71.8613, 7.1589, -7.5300

Details

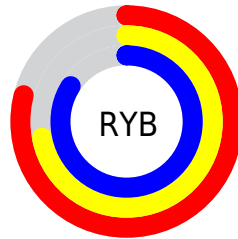
The YIQ color $192.6880, 1.4190, 12.8350$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $204.3120, -1.4190, -12.8350$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $139.1610, 1.4650, 12.0010$ is the 20% darker color. If you saturate the color by 10%, you get $177.9690, 2.4260, 22.1220$, and if you desaturate by 10%, it is $207.4070, 0.4120, 3.5480$.

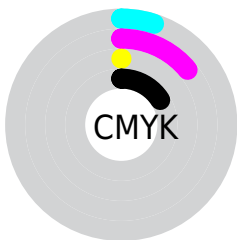
Distribution



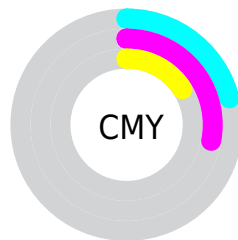
- Red (79%)
- Green (72%)
- Blue (84%)



- Red (79%)
- Yellow (72%)
- Blue (84%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.6880, 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 192.6880, 1.4190, 12.8350 by changing the saturation by 10% instead.

■ 192.6880, 1.4190,
12.8350

■ 192.6880, 1.4190,
12.8350

255.0000, -0.0000,
-0.0000

■ 165.5740, 1.7400,
12.5240

■ 246.1950, 4.1250,
7.8450

■ 139.1610, 1.4650,
12.0010

■ 113.7480, 1.1900,
11.4780

■ 89.3350, 0.9150,
10.9550

■ 65.3350, 0.9150,
10.9550

■ 43.5090, 0.3650,
9.9090

■ 22.3950, 0.6860,

9.5980

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 192.6880, 1.4190,
12.8350

■ 192.6880, 1.4190,
12.8350

■ 177.9690, 2.4260,
22.1220

■ 207.4070, 0.4120,
3.5480

■ 162.6630, 3.7080,
31.9320

■ 222.7130, -0.8700,
-6.2620

■ 147.9440, 4.7150,
41.2190

■ 237.4320, -1.8770,
-15.5490

■ 133.2250, 5.7220,
50.5060

■ 243.9330, 0.9660,
-17.5140

■ 117.9190, 7.0040,
60.3160

■ 246.3250, 5.7340,
-15.8180

■ 103.2000, 8.0110,
69.6030

■ 248.7170, 10.5020,
-14.1220

■ 88.4810, 9.0180,
78.8900

■ 250.2120, 13.4820,
-13.0620

■ 73.7620, 10.0250,
88.1770

■ 63.7500, 10.2990,
94.2270

Harmonies

Analogous

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



190.4410, -14.1230, 8.1570



192.6880, 1.4190, 12.8350



193.2290, 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.



192.6880, 1.4190, 12.8350



190.6250, 22.9250, -2.4750



184.7080, -28.8370, -11.5330

Complementary

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



192.6880, 1.4190, 12.8350



204.3120, -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.



185.5860, -16.8700, -13.6540



192.6880, 1.4190, 12.8350



189.2490, 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.



192.6880, 1.4190, 12.8350



192.1790, 27.4170, 4.2250



187.0130, -2.0150, -13.0470



185.4290, -32.1850, -5.9210

Rectangle

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



192.6880, 1.4190, 12.8350



192.9970, 22.4180, 12.2260



187.0130, -2.0150, -13.0470



185.0350, -25.4440, -12.4520

Sweetspot

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



192.6880, 1.4190, 12.8350



247.9340, 0.3660, 4.3820



193.7630, -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.



192.6880, 1.4190, 12.8350



226.4480, 2.3350, 18.2630



195.6350, 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.



193.9250, 13.7530, 9.5690



228.0830, 19.3000, 13.6680



201.3650, -8.9380, -14.2340



99.7450, 5.2720, 3.5760



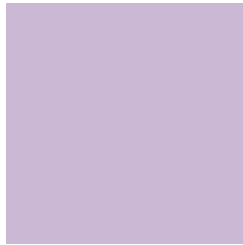
58.5390, 81.0510, 56.4670



14.6810, 20.4920, 14.0920

Previews

White Background



This preview shows how the YIQ color 192.6880, 1.4190, 12.8350 looks on a white background.

Color Contrast Check

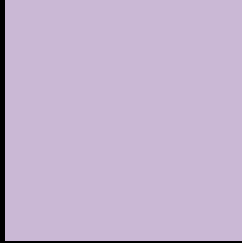
Large Text (above 18pt) WCAG AA × Fail

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 192.6880, 1.4190, 12.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

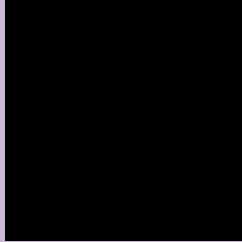
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.6880, 1.4190, 12.8350

Background



This preview shows how black text looks on a background with the YIQ color 192.6880, 1.4190, 12.8350.



This preview shows how white text looks on a background with the YIQ color 192.6880, 1.4190,

12.8350.

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

192.6880, 1.4190, 12.8350

Protanopia

191.1810, -10.4550, 7.7610

Deuteranopia

192.0790, -1.2400, 11.4640



Tritanopia

191.8960, 3.5290, 7.6330

Trichromacy



Original Color

192.6880, 1.4190, 12.8350

Protanomaly

191.6870, -6.0080, 9.7680

Deuteranomaly

192.3780, -0.6440, 11.6760

Tritanomaly

192.0640, 3.1160, 9.6120

Monochromacy



Original Color

192.6880, 1.4190, 12.8350

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.6880, 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(202, 184, 213)` looks like.

```
.text, #text, p{  
    color:rgb(202, 184, 213)  
}
```

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, 184, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 184, 213) }
```

Border

The CSS property to change the border of an element to YIQ 192.6880, 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(202, 184, 213) }
```


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

```
.border{ border-color:rgb(202, 184, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 184, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 184, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 184, 213);  
box-shadow:4px 4px 4px 4px rgb(202, 184,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 192.6880, 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(202, 184, 213) }
```

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

```
.background{ background-color: rgb(202,  
184, 213) }
```

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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