

Converting Colors

YIQ(197.4000, 2.2900, 13.5700)

Have a look what the booklet for
YIQ(197.4000, 2.2900, 13.5700)
contains.

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Color

**YIQ(197.4000, 2.2900,
13.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BCDA
RGB	208, 188, 218
RGB Percent	82%, 74%, 85%
CMY	0.1842, 0.2628, 0.1451
CMYK	0.05, 0.14, 0.00, 0.15
HSL	280°, 29%, 80%
HSV	280°, 14%, 85%
XYZ	56.6530, 54.4370, 73.8486
YIQ	197.4000, 2.2900, 13.5700

Conversions

Conversions Part 2

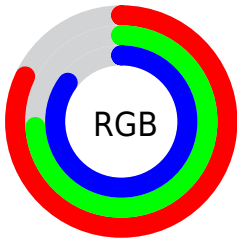
Format	Color
R_{YB}	208, 188, 218
Decimal	13679834
CIE _{Lab}	78.72, 12.53, -12.42
CIE _{LCh}	79, 17.642, 315.261
Yxy	54.4370, 0.3063, 0.2944
Android (android.graphics.Color)	4291869914 (0xFFD0BCDA)
YUV	197.4000, 10.1558, 9.2962
Hunter-Lab	73.7814, 7.9436, -7.6970

Details

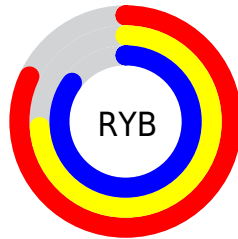
The YIQ color $197.4000, 2.2900, 13.5700$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $208.6000, -2.2900, -13.5700$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $143.8730, 2.3360, 12.7360$ is the 20% darker color. If you saturate the color by 10%, you get $182.3930, 4.1680, 23.5920$, and if you desaturate by 10%, it is $212.4070, 0.4120, 3.5480$.

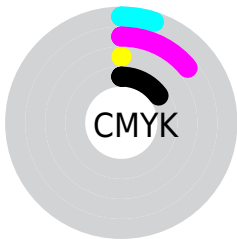
Distribution



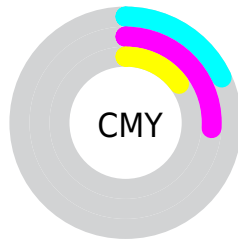
- Red (82%)
- Green (74%)
- Blue (85%)



- Red (82%)
- Yellow (74%)
- Blue (85%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.4000, 2.2900, 13.5700 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 197.4000, 2.2900, 13.5700 by changing the saturation by 10% instead.

■ 197.4000, 2.2900,
13.5700

■ 197.4000, 2.2900,
13.5700

255.0000, -0.0000,
-0.0000

■ 169.9870, 2.0150,
13.0470

■ 248.5430, 3.0250,
5.7530

■ 143.8730, 2.3360,
12.7360

■ 117.5740, 1.7400,
12.5240

■ 93.0470, 1.7860,
11.6900

■ 69.6340, 1.5110,
11.1670

■ 47.2210, 1.2360,
10.6440

■ 25.8080, 0.9610,

10.1210

■ 4.4870, -2.5690,
8.0150

■ 0.0000, 0.0000,
0.0000

■ 197.4000, 2.2900,
13.5700

■ 197.4000, 2.2900,
13.5700

■ 182.3930, 4.1680,
23.5920

■ 212.4070, 0.4120,
3.5480

■ 167.3860, 6.0460,
33.6140

■ 227.7130, -0.8700,
-6.2620

■ 152.6670, 7.0530,
42.9010

■ 242.1330, -2.4730,
-15.7610

■ 137.6600, 8.9310,
52.9230

■ 245.4000, 1.1490,
-15.3230

■ 122.6530, 10.8090,
62.9450

■ 247.4930, 5.3210,
-13.8390

■ 107.6460, 12.6870,
72.9670

■ 249.8850, 10.0890,
-12.1430

■ 92.3400, 13.9690,
82.7770

■ 250.7820, 11.8770,
-11.5070

■ 77.9200, 15.5720,
92.2760

■ 68.2070, 16.4420,
98.5380

Harmonies

Analogous

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



194.9680, -14.1690, 8.9910



197.4000, 2.2900, 13.5700



197.9410, 16.8240, 14.4880

Triad

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



197.4000, 2.2900, 13.5700



195.2830, 23.8880, -3.4080



188.6370, -30.0750, -11.1230

Complementary

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



197.4000, 2.2900, 13.5700



208.6000, -2.2900, -13.5700

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.



189.6890, -18.6580, -14.2900



197.4000, 2.2900, 13.5700



193.1350, 12.3810, -9.6270

Square

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



197.4000, 2.2900, 13.5700



196.6630, 28.9300, 4.3380



191.3010, -2.8860, -13.7820



189.9450, -33.6980, -6.0340

Rectangle

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



197.4000, 2.2900, 13.5700



197.4810, 23.9310, 12.3390



191.3010, -2.8860, -13.7820



188.5510, -26.9570, -12.5650

Sweetspot

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



197.4000, 2.2900, 13.5700



248.2330, 0.9620, 4.5940



197.2900, -12.3800, 4.1000



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.



197.4000, 2.2900, 13.5700



225.5730, 3.4810, 19.5210



199.8200, 9.8550, 14.1350



102.3470, 0.6410, 4.9050



54.4060, 13.6030, 78.3950



14.5130, 3.7100, 20.8780

Inverse Universe

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



198.1100, 14.6700, 9.4700



226.4530, 21.1340, 13.4700



206.1800, -9.8550, -14.1350



102.6310, 5.5930, 3.2650



58.3390, 84.4900, 54.7140



15.4640, 22.6010, 14.4170

Previews

White Background



This preview shows how the YIQ color 197.4000, 2.2900, 13.5700 looks on a white background.

Color Contrast Check

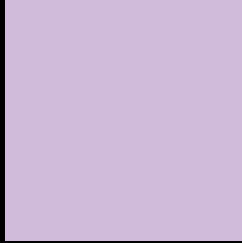
Large Text (above 18pt) WCAG AA × Fail

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 197.4000, 2.2900, 13.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

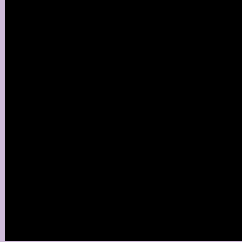
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.4000, 2.2900, 13.5700

Background



This preview shows how black text looks on a background with the YIQ color 197.4000, 2.2900, 13.5700.



This preview shows how white text looks on a background with the YIQ color 197.4000, 2.2900,

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

197.4000, 2.2900, 13.5700

Protanopia

195.2950, -10.7760, 8.0720

Deuteranopia

197.0790, -1.2400, 11.4640



Tritanopia

196.4940, 4.7210, 8.0570

Trichromacy



Original Color

197.4000, 2.2900, 13.5700

Protanomaly

196.1000, -5.7330, 10.2910

Deuteranomaly

197.0900, 0.2270, 12.4110

Tritanomaly

196.7760, 3.9870, 10.3470

Monochromacy



Original Color

197.4000, 2.2900, 13.5700

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.3470, 0.6410, 4.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4000, 2.2900, 13.5700 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(208, 188, 218)` looks like.

```
.text, #text, p{  
    color:rgb(208, 188, 218)  
}
```

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(208, 188, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 188, 218) }
```

Border

The CSS property to change the border of an element to YIQ 197.4000, 2.2900, 13.5700 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(208, 188, 218) }
```


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

```
.border{ border-color:rgb(208, 188, 218) }
```

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

Here you see how a box with a 4 pixel rgb(208, 188, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 188, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 188, 218);  
box-shadow:4px 4px 4px 4px rgb(208, 188,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4000, 2.2900, 13.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 188, 218) }
```

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

```
.background{ background-color: rgb(208,  
188, 218) }
```

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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