

Converting Colors

YIQ(197.6400, 1.3740, 8.1420)

Have a look what the booklet for
YIQ(197.6400, 1.3740, 8.1420)
contains.

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Color

**YIQ(197.6400, 1.3740,
8.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC0D2
RGB	204, 192, 210
RGB Percent	80%, 75%, 82%
CMY	0.2000, 0.2471, 0.1765
CMYK	0.03, 0.09, 0.00, 0.18
HSL	280°, 17%, 79%
HSV	280°, 9%, 82%
XYZ	55.3857, 55.1889, 68.7047
YIQ	197.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

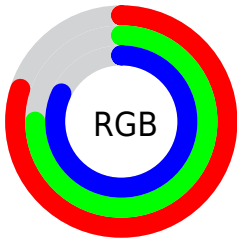
Format	Color
RYB	204, 192, 210
Decimal	13418706
CIELab	79.15, 7.50, -7.49
CIELCh	79, 10.600, 315.031
Yxy	55.1889, 0.3089, 0.3078
Android (android.graphics.Color)	4291608786 (0xFFCCC0D2)
YUV	197.6400, 6.0935, 5.5777
Hunter-Lab	74.2892, 3.0731, -2.8306

Details

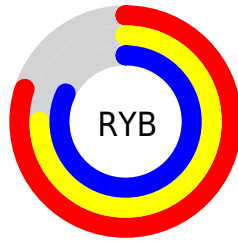
The YIQ color $197.6400, 1.3740, 8.1420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.3600, -1.3740, -8.1420$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $144.2270, 1.0990, 7.6190$ is the 20% darker color. If you saturate the color by 10%, you get $183.2200, 2.9770, 17.6410$, and if you desaturate by 10%, it is $212.0600, -0.2290, -1.3570$.

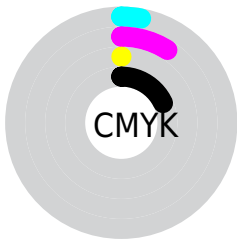
Distribution



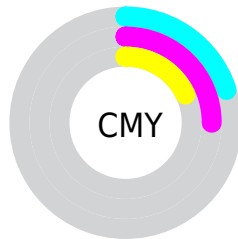
- Red (80%)
- Green (75%)
- Blue (82%)



- Red (80%)
- Yellow (75%)
- Blue (82%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.6400, 1.3740, 8.1420 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 197.6400, 1.3740, 8.1420 by changing the saturation by 10% instead.

■ 197.6400, 1.3740,
8.1420

■ 197.6400, 1.3740,
8.1420

255.0000, -0.0000,
-0.0000

■ 170.5260, 1.6950,
7.8310

■ 250.8910, 1.9250,
3.6610

■ 144.2270, 1.0990,
7.6190

■ 118.2270, 1.0990,
7.6190

■ 93.7000, 1.1450,
6.7850

■ 69.7000, 1.1450,
6.7850

■ 47.2870, 0.8700,
6.2620

■ 26.8740, 0.5950,

5.7390

■ 2.4930, -2.7060,
4.9900

■ 0.0000, 0.0000,
0.0000

■ 197.6400, 1.3740,
8.1420

■ 197.6400, 1.3740,
8.1420

■ 183.2200, 2.9770,
17.6410

■ 212.0600, -0.2290,
-1.3570

■ 168.8000, 4.5800,
27.1400

■ 226.4800, -1.8320,
-10.8560

■ 154.3800, 6.1830,
36.6390

■ 240.9000, -3.4350,
-20.3550

■ 139.9600, 7.7860,
46.1380

■ 242.9930, 0.7370,
-18.8710

■ 125.5400, 9.3890,
55.6370

■ 245.0860, 4.9090,
-17.3870

■ 111.1200, 10.9920,
65.1360

■ 247.1790, 9.0810,
-15.9030

■ 96.7000, 12.5950,
74.6350

■ 249.2720, 13.2530,
-14.4190

■ 82.2800, 14.1980,
84.1340

■ 249.8700, 14.4450,
-13.9950

■ 67.8600, 15.8010,
93.6330

Harmonies

Analogous

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



196.3830, -8.2080, 5.5840



197.6400, 1.3740, 8.1420



198.1310, 10.1770, 8.2970

Triad

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



197.6400, 1.3740, 8.1420



196.5470, 14.3970, -2.1070



192.9160, -17.5590, -6.6710

Complementary

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



197.6400, 1.3740, 8.1420



204.3600, -1.3740, -8.1420

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.



193.5700, -10.7730, -8.5090



197.6400, 1.3740, 8.1420



195.3180, 7.6120, -5.7960

Square

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



197.6400, 1.3740, 8.1420



197.4490, 17.7890, 2.5010



194.0610, -1.9700, -8.3540



193.6540, -19.5770, -3.1370

Rectangle

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



197.6400, 1.3740, 8.1420



198.0560, 14.7620, 7.8020



194.0610, -1.9700, -8.3540



192.7590, -15.6790, -7.7030

Sweetspot

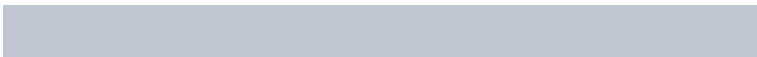
The Sweet Spot groups the original color and five complimentary colors.



197.6400, 1.3740, 8.1420



249.4070, 0.4120, 3.5480



197.5740, -7.4280, 2.4600



123.8800, 0.4580, 2.7140



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.



197.6400, 1.3740, 8.1420



237.9330, 2.1070, 11.3790



199.0920, 5.9130, 8.4810



97.3470, 0.6410, 4.9050



52.6400, 12.8240, 75.9920



12.7470, 2.9310, 18.4750

Inverse Universe

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



198.0660, 8.8020, 5.6820



238.3870, 12.3320, 7.7880



202.9080, -5.9130, -8.4810



97.7450, 5.2720, 3.5760



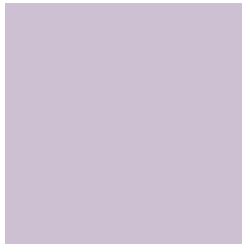
56.6160, 82.1520, 53.0320



13.8550, 19.9420, 13.0460

Previews

White Background



This preview shows how the YIQ color 197.6400, 1.3740, 8.1420 looks on a white background.

Color Contrast Check

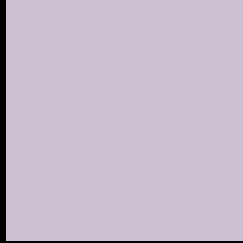
Large Text (above 18pt) WCAG AA × Fail

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 197.6400, 1.3740, 8.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

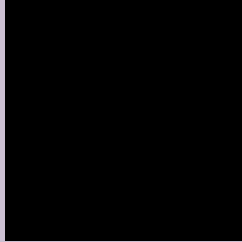
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.6400, 1.3740, 8.1420

Background



This preview shows how black text looks on a background with the YIQ color 197.6400, 1.3740, 8.1420.



This preview shows how white text looks on a background with the YIQ color 197.6400, 1.3740,

8.1420.

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

197.6400, 1.3740, 8.1420

Protanopia

196.9380, -5.4570, 5.2870

Deuteranopia

197.9610, 4.9040, 10.2480



Tritanopia

197.4120, 2.0160, 7.5200

Trichromacy



Original Color

197.6400, 1.3740, 8.1420

Protanomaly

197.1340, -3.0730, 6.1350

Deuteranomaly

197.9500, 3.4370, 9.3010

Tritanomaly

197.5260, 1.6950, 7.8310

Monochromacy



Original Color

197.6400, 1.3740, 8.1420

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.8800, 0.4580, 2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.6400, 1.3740, 8.1420 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(204, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 210)  
}
```

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(204, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 210) }
```

Border

The CSS property to change the border of an element to YIQ 197.6400, 1.3740, 8.1420 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(204, 192, 210) }
```


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

```
.border{ border-color:rgb(204, 192, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 197.6400, 1.3740, 8.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 210) }
```

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

```
.background{ background-color: rgb(204,  
192, 210) }
```

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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