

Converting Colors

YIQ(193.5690, 0.1360, 8.5520)

Have a look what the booklet for
YIQ(193.5690, 0.1360, 8.5520)
contains.

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Color

**YIQ(193.5690, 0.1360,
8.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BCD0
RGB	199, 188, 208
RGB Percent	78%, 74%, 82%
CMY	0.2196, 0.2627, 0.1843
CMYK	0.04, 0.10, 0.00, 0.18
HSL	273°, 18%, 78%
HSV	273°, 10%, 82%
XYZ	52.9227, 52.6618, 67.0475
YIQ	193.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

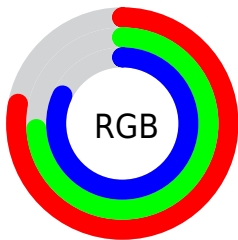
Format	Color
R _{YB}	199, 188, 208
Decimal	13090000
CIE Lab	77.67, 7.57, -8.64
CIE LCh	78, 11.491, 311.220
Yxy	52.6618, 0.3066, 0.3051
Android (android.graphics.Color)	4291280080 (0xFFC7BCD0)
YUV	193.5690, 7.1145, 4.7630
Hunter-Lab	72.5685, 3.1817, -3.9813

Details

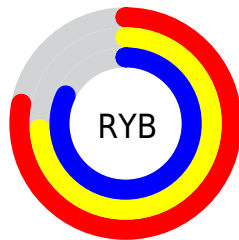
The YIQ color $193.5690, 0.1360, 8.5520$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $202.4310, -0.1360, -8.5520$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.5430, 3.0250, 5.7530$, and $140.1560, -0.1390, 8.0290$ is the 20% darker color. If you saturate the color by 10%, you get $178.5510, 0.5470, 17.6270$, and if you desaturate by 10%, it is $208.5870, -0.2750, -0.5230$.

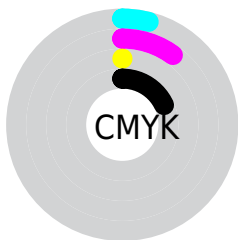
Distribution



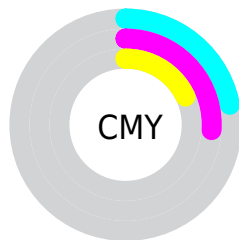
- Red (78%)
- Green (74%)
- Blue (82%)



- Red (78%)
- Yellow (74%)
- Blue (82%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.5690, 0.1360, 8.5520 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 193.5690, 0.1360, 8.5520 by changing the saturation by 10% instead.

■ 193.5690, 0.1360,
8.5520

■ 193.5690, 0.1360,
8.5520

255.0000, -0.0000,
-0.0000

■ 166.4550, 0.4570,
8.2410

■ 248.5430, 3.0250,
5.7530

■ 140.1560, -0.1390,
8.0290

■ 114.1560, -0.1390,
8.0290

■ 90.0420, 0.1820,
7.7180

■ 66.6290, -0.0930,
7.1950

■ 44.2160, -0.3680,
6.6720

■ 23.6890, -0.3220,

5.8380

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 193.5690, 0.1360,
8.5520

■ 193.5690, 0.1360,
8.5520

■ 178.5510, 0.5470,
17.6270

■ 208.5870, -0.2750,
-0.5230

■ 163.2340, 0.3620,
26.4900

■ 223.9040, -0.0900,
-9.3860

■ 148.8030, 0.4980,
35.0420

■ 238.3350, -0.2260,
-17.9380

■ 133.7850, 0.9090,
44.1170

■ 243.9610, 3.7630,
-18.6450

■ 118.4680, 0.7240,
52.9800

■ 246.9510, 9.7230,
-16.5250

■ 103.4500, 1.1350,
62.0550

■ 249.6420, 15.0870,
-14.6170

■ 88.4320, 1.5460,
71.1300

■ 73.7020, 1.0860,
79.4700

■ 58.6840, 1.4970,
88.5450

Harmonies

Analogous

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



192.0130, -10.0420, 5.7820



193.5690, 0.1360, 8.5520



194.0710, 10.4060, 9.6540

Triad

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



193.5690, 0.1360, 8.5520



192.4440, 16.1850, -1.4710



188.2040, -18.4300, -7.4060

Complementary

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



193.5690, 0.1360, 8.5520



202.4310, -0.1360, -8.5520

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.



189.0430, -10.7270, -9.3430



193.5690, 0.1360, 8.5520



191.1010, 9.7210, -5.4710

Square

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



193.5690, 0.1360, 8.5520



193.4600, 19.2560, 3.4480



190.1320, -0.7320, -8.7640



188.7570, -21.3650, -3.7730

Rectangle

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



193.5690, 0.1360, 8.5520



194.4690, 15.0370, 8.3250



190.1320, -0.7320, -8.7640



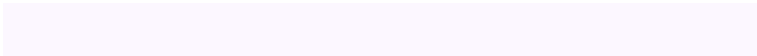
188.3460, -15.9540, -8.2260

Sweetspot

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



193.5690, 0.1360, 8.5520



249.4070, 0.4120, 3.5480



195.5630, -8.8950, 1.5130



123.5810, -0.1380, 2.5020



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.



193.5690, 0.1360, 8.5520



232.6170, 0.1810, 13.2450



196.1460, 5.8210, 10.1490



97.0480, 0.0450, 4.6930



46.9590, 1.5000, 71.9640



11.2520, -0.0490, 17.4150

Inverse Universe

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



195.0060, 9.0310, 7.0390



234.8650, 13.9820, 10.9260



199.8540, -5.8210, -10.1490



97.8590, 4.9510, 3.8870



58.8960, 75.7320, 59.2520



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 193.5690, 0.1360, 8.5520 looks on a white background.

Color Contrast Check

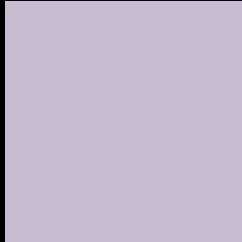
Large Text (above 18pt) WCAG AA × Fail

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 193.5690, 0.1360, 8.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

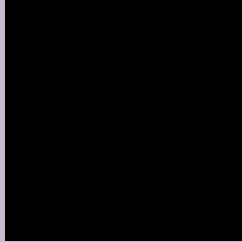
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.5690, 0.1360, 8.5520

Background



This preview shows how black text looks on a background with the YIQ color 193.5690, 0.1360, 8.5520.



This preview shows how white text looks on a background with the YIQ color 193.5690, 0.1360,

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

193.5690, 0.1360, 8.5520

Protanopia

192.8670, -6.6950, 5.6970

Deuteranopia

194.1780, 2.7950, 9.9230



Tritanopia

193.4010, 0.5490, 6.5730

Trichromacy



Original Color

193.5690, 0.1360, 8.5520

Protanomaly

193.0630, -4.3110, 6.5450

Deuteranomaly

193.8790, 2.1990, 9.7110

Tritanomaly

193.5150, 0.2280, 6.8840

Monochromacy



Original Color

193.5690, 0.1360, 8.5520

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

193.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.5690, 0.1360, 8.5520 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(199, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 208)  
}
```

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(199, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 208) }
```

Border

The CSS property to change the border of an element to YIQ 193.5690, 0.1360, 8.5520 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(199, 188, 208) }
```


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

```
.border{ border-color:rgb(199, 188, 208) }
```

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

Here you see how a box with a 4 pixel rgb(199, 188, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 193.5690, 0.1360, 8.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 208) }
```

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

```
.background{ background-color: rgb(199,  
188, 208) }
```

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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