

Converting Colors

YIQ(193.1620, -0.2760, 5.0040)

Have a look what the booklet for
YIQ(193.1620, -0.2760, 5.0040)
contains.

YIQ(193.1620, -0.2760, 5.0040)	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(193.1620, -0.2760,
5.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BECA
RGB	196, 190, 202
RGB Percent	77%, 75%, 79%
CMY	0.2313, 0.2549, 0.2078
CMYK	0.03, 0.06, 0.00, 0.21
HSL	270°, 10%, 77%
HSV	270°, 6%, 79%
XYZ	51.8397, 52.8265, 63.3398
YIQ	193.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

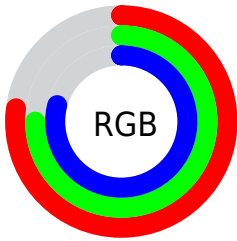
Format	Color
R_{YB}	196, 190, 202
Decimal	12893898
CIE _{Lab}	77.77, 4.33, -5.28
CIE _{LCh}	78, 6.826, 309.335
Yxy	52.8265, 0.3086, 0.3144
Android (android.graphics.Color)	4291083978 (0xFFC4BECA)
YUV	193.1620, 4.3571, 2.4889
Hunter-Lab	72.6818, 0.1203, -0.7920

Details

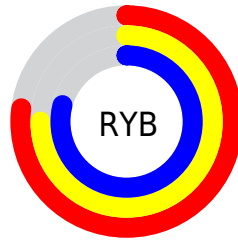
The YIQ color $193.1620, -0.2760, 5.0040$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.8380, 0.2760, -5.0040$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.1190, 1.2830, 4.2830$, and $139.7490, -0.5510, 4.4810$ is the 20% darker color. If you saturate the color by 10%, you get $178.4320, -0.7360, 13.3440$, and if you desaturate by 10%, it is $207.8920, 0.1840, -3.3360$.

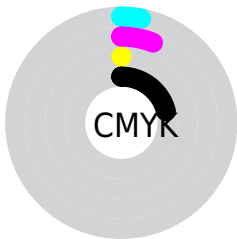
Distribution



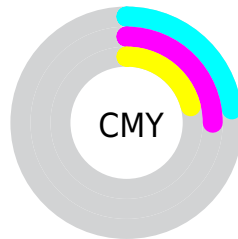
- Red (77%)
- Green (75%)
- Blue (79%)



- Red (77%)
- Yellow (75%)
- Blue (79%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.1620, -0.2760, 5.0040 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 193.1620, -0.2760, 5.0040 by changing the saturation by 10% instead.

■ 193.1620, -0.2760,
5.0040

■ 193.1620, -0.2760,
5.0040

255.0000, -0.0000,
-0.0000

■ 166.1620, -0.2760,
5.0040

■ 249.1190, 1.2830,
4.2830

■ 139.7490, -0.5510,
4.4810

■ 114.0480, 0.0450,
4.6930

■ 89.6350, -0.2300,
4.1700

■ 66.6350, -0.2300,
4.1700

■ 44.2220, -0.5050,
3.6470

■ 23.5210, 0.0910,

3.8590

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 193.1620, -0.2760,
5.0040

■ 193.1620, -0.2760,
5.0040

■ 178.4320, -0.7360,
13.3440

■ 207.8920, 0.1840,
-3.3360

■ 163.7020, -1.1960,
21.6840

■ 222.6220, 0.6440,
-11.6760

■ 148.3850, -1.3810,
30.5470

■ 237.9390, 0.8290,
-20.5390

■ 133.6550, -1.8410,
38.8870

■ 243.2770, 5.6890,
-20.5110

■ 118.9250, -2.3010,
47.2270

■ 246.2670, 11.6490,
-18.3910

■ 103.8960, -3.3570,
55.3550

■ 248.9580, 17.0130,
-16.4830

■ 89.1660, -3.8170,
63.6950

■ 73.8490, -4.0020,
72.5580

■ 59.1190, -4.4620,
80.8980

Harmonies

Analogous

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



192.2860, -6.5570, 3.1950



193.1620, -0.2760, 5.0040



193.7990, 5.1800, 5.2440

Triad

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



193.1620, -0.2760, 5.0040



192.5620, 10.0410, -0.2550



190.0910, -10.6820, -4.6500

Complementary

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



193.1620, -0.2760, 5.0040



198.8380, 0.2760, -5.0040

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.



190.9020, -5.7760, -5.4560



193.1620, -0.2760, 5.0040



191.8280, 6.2360, -2.8840

Square

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



193.1620, -0.2760, 5.0040



193.5130, 11.7370, 2.0490



190.8380, 0.2760, -5.0040



190.7750, -12.6080, -2.7840

Rectangle

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



193.1620, -0.2760, 5.0040



193.6530, 8.5270, 5.1590



190.8380, 0.2760, -5.0040



190.1620, -9.4440, -5.0600

Sweetspot

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



193.1620, -0.2760, 5.0040



251.1680, -0.4130, 1.9790



194.8900, -5.5020, 0.5940



125.6410, -0.3670, 1.1450



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.



193.1620, -0.2760, 5.0040



241.7430, -0.4140, 7.5060



194.9560, 3.3000, 6.2760



96.1080, -0.1840, 3.3360



43.7410, -3.8180, 69.2220



10.0130, -0.8740, 15.8460

Inverse Universe

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



194.2720, 5.2260, 4.4100



243.4080, 7.8390, 6.6150



197.0440, -3.3000, -6.2760



96.8480, 3.4840, 2.9400



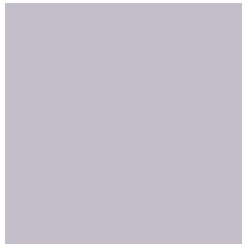
59.0960, 72.2930, 61.0050



13.5280, 16.5490, 13.9650

Previews

White Background



This preview shows how the YIQ color 193.1620, -0.2760, 5.0040 looks on a white background.

Color Contrast Check

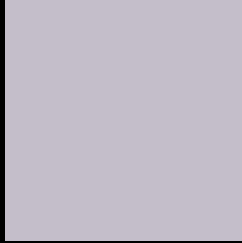
Large Text (above 18pt) WCAG AA × Fail

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 193.1620, -0.2760, 5.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

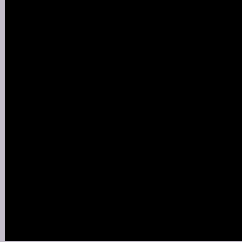
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.1620, -0.2760, 5.0040

Background



This preview shows how black text looks on a background with the YIQ color 193.1620, -0.2760, 5.0040.

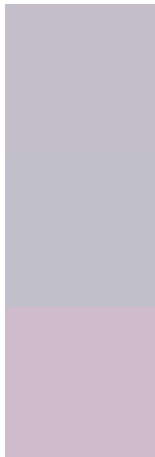


This preview shows how white text looks on a background with the YIQ color 193.1620, -0.2760,

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

193.1620, -0.2760, 5.0040

Protanopia

192.9660, -2.6600, 4.1560

Deuteranopia

194.5050, 6.1880, 9.0040



Tritanopia

193.5040, -1.2390, 5.9370

Trichromacy



Original Color

193.1620, -0.2760, 5.0040

Protanomaly

193.2650, -2.0640, 4.3680

Deuteranomaly

193.8960, 3.5290, 7.6330

Tritanomaly

193.3900, -0.9180, 5.6260

Monochromacy



Original Color

193.1620, -0.2760, 5.0040

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

193.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.1620, -0.2760, 5.0040 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(196, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 202)  
}
```

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(196, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 202) }
```

Border

The CSS property to change the border of an element to YIQ 193.1620, -0.2760, 5.0040 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(196, 190, 202) }
```


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

```
.border{ border-color:rgb(196, 190, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 193.1620, -0.2760, 5.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 202) }
```

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

```
.background{ background-color: rgb(196,  
190, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor