

Converting Colors

YIQ(195.1340, -3.0730, 6.1350)

Have a look what the booklet for
YIQ(195.1340, -3.0730, 6.1350)
contains.

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Color

**YIQ(195.1340, -3.0730,
6.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C0D1
RGB	196, 192, 209
RGB Percent	77%, 75%, 82%
CMY	0.2313, 0.2470, 0.1804
CMYK	0.06, 0.08, 0.00, 0.18
HSL	254°, 16%, 79%
HSV	254°, 8%, 82%
XYZ	53.1234, 54.0381, 67.9479
YIQ	195.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

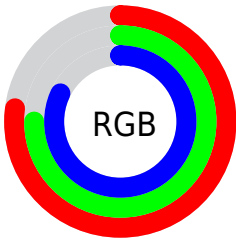
Format	Color
R _Y B	196, 192, 209
Decimal	12894417
CIE Lab	78.48, 4.60, -8.01
CIE LCh	78, 9.236, 299.900
Yxy	54.0381, 0.3034, 0.3086
Android (android.graphics.Color)	4291084497 (0xFFC4C0D1)
YUV	195.1340, 6.8359, 0.7595
Hunter-Lab	73.5106, 0.3517, -3.3459

Details

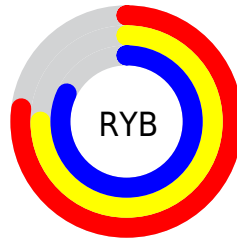
The YIQ color $195.1340, -3.0730, 6.1350$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.8660, 3.0730, -6.1350$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2930, 0.7330, 3.2370$, and $141.7210, -3.3480, 5.6120$ is the 20% darker color. If you saturate the color by 10%, you get $178.0230, -6.8340, 13.7260$, and if you desaturate by 10%, it is $212.2450, 0.6880, -1.4560$.

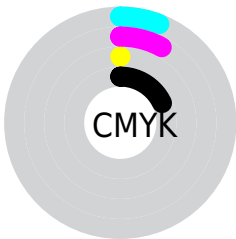
Distribution



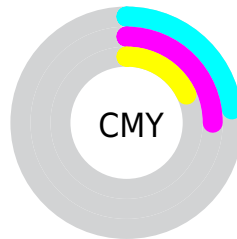
- Red (77%)
- Green (75%)
- Blue (82%)



- Red (77%)
- Yellow (75%)
- Blue (82%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.1340, -3.0730, 6.1350 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 195.1340, -3.0730, 6.1350 by changing the saturation by 10% instead.

■ 195.1340, -3.0730,
6.1350

■ 195.1340, -3.0730,
6.1350

■ 255.0000, -0.0000,
-0.0000

■ 168.0200, -2.7520,
5.8240

■ 250.2930, 0.7330,
3.2370

■ 141.7210, -3.3480,
5.6120

■ 116.0200, -2.7520,
5.8240

■ 91.6070, -3.0270,
5.3010

■ 67.4930, -2.7060,
4.9900

■ 45.4930, -2.7060,
4.9900

■ 24.9660, -2.6600,

4.1560

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 195.1340, -3.0730,
6.1350

■ 195.1340, -3.0730,
6.1350

■ 178.0230, -6.8340,
13.7260

■ 212.2450, 0.6880,
-1.4560

■ 160.9120,
-10.5950, 21.3170

■ 229.3560, 4.4490,
-9.0470

■ 143.8010,
-14.3560, 28.9080

■ 246.4670, 8.2100,
-16.6380

■ 126.6900,
-18.1170, 36.4990

■ 249.7560, 14.7660,
-14.3060

■ 110.1660,
-22.1530, 43.5670

■ 93.0550, -25.9140,
51.1580

■ 75.9440, -29.6750,
58.7490

■ 58.8330, -33.4360,
66.3400

■ 41.7220, -37.1970,
73.9310

Harmonies

Analogous

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



193.8340, -11.0960, 2.8560



195.1340, -3.0730, 6.1350



196.2660, 5.3630, 7.4350

Triad

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



195.1340, -3.0730, 6.1350



195.1280, 14.2590, 0.3950



191.2540, -12.6990, -6.6430

Complementary

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



195.1340, -3.0730, 6.1350



205.8660, 3.0730, -6.1350

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.



191.7340, -5.3630, -7.4350



195.1340, -3.0730, 6.1350



194.4540, 10.2250, -3.5910

Square

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



195.1340, -3.0730, 6.1350



195.8340, 15.2670, 4.1550



192.8660, 3.0730, -6.1350



191.5680, -16.4590, -4.5790

Rectangle

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



195.1340, -3.0730, 6.1350



196.1910, 9.9480, 6.9400



192.8660, 3.0730, -6.1350



191.5100, -10.5440, -7.1520

Sweetspot

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



195.1340, -3.0730, 6.1350



250.8690, -1.0090, 1.7670



201.5690, -9.0320, -1.5120



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.



195.1340, -3.0730, 6.1350



234.6440, -4.4490, 9.0470



197.5260, 1.6950, 7.8310



96.1510, -1.7430, 4.0570



31.1120, -30.0880, 60.7280



7.6640, -7.2010, 14.8710

Inverse Universe

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



198.5650, 5.9590, 7.6470



239.6410, 8.8010, 11.2090



203.4740, -1.6950, -7.8310



98.2010, 3.9880, 4.8200



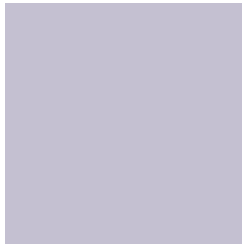
64.9380, 58.7190, 75.7350



15.7930, 14.4850, 18.3330

Previews

White Background



This preview shows how the YIQ color 195.1340, -3.0730, 6.1350 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 195.1340, -3.0730, 6.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

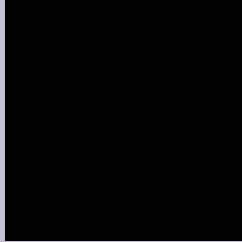
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.1340, -3.0730, 6.1350

Background



This preview shows how black text looks on a background with the YIQ color 195.1340, -3.0730, 6.1350.



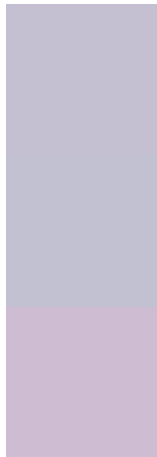
This preview shows how white text looks on a background with the YIQ color 195.1340, -3.0730,

6.1350.

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

195.1340, -3.0730, 6.1350

Protanopia

194.9380, -5.4570, 5.2870

Deuteranopia

196.4770, 3.3910, 10.1350



Tritanopia

194.9060, -2.4310, 5.5130

Trichromacy



Original Color

195.1340, -3.0730, 6.1350

Protanomaly

195.2370, -4.8610, 5.4990

Deuteranomaly

195.8680, 0.7320, 8.7640

Tritanomaly

195.0200, -2.7520, 5.8240

Monochromacy



Original Color

195.1340, -3.0730, 6.1350

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.1340, -3.0730, 6.1350 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, 192, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 209)  
}
```

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, 192, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 209) }
```

Border

The CSS property to change the border of an element to YIQ 195.1340, -3.0730, 6.1350 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, 192, 209) }
```


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

```
.border{ border-color:rgb(196, 192, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 192, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 195.1340, -3.0730, 6.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 209) }
```

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

```
.background{ background-color: rgb(196,  
192, 209) }
```

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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