

Converting Colors

YIQ(195.6070, -3.0270, 5.3010)

Have a look what the booklet for
YIQ(195.6070, -3.0270, 5.3010)
contains.

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Color

**YIQ(195.6070, -3.0270,
5.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C1D0
RGB	196, 193, 208
RGB Percent	77%, 76%, 82%
CMY	0.2313, 0.2431, 0.1843
CMYK	0.06, 0.07, 0.00, 0.18
HSL	252°, 14%, 79%
HSV	252°, 7%, 82%
XYZ	53.2202, 54.4295, 67.3716
YIQ	195.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

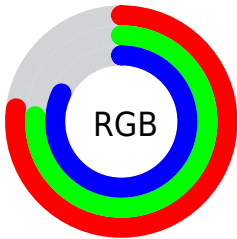
Format	Color
R_{YB}	196, 193, 208
Decimal	12894672
CIE _{Lab}	78.71, 3.87, -7.13
CIE _{LCh}	79, 8.114, 298.513
Yxy	54.4295, 0.3041, 0.3110
Android (android.graphics.Color)	4291084752 (0xFFC4C1D0)
YUV	195.6070, 6.1097, 0.3447
Hunter-Lab	73.7763, -0.3438, -2.4994

Details

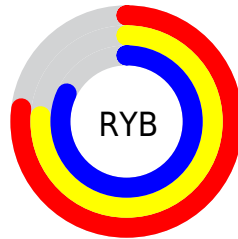
The YIQ color $195.6070, -3.0270, 5.3010$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.3930, 3.0270, -5.3010$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.8800, 0.4580, 2.7140$, and $142.1940, -3.3020, 4.7780$ is the 20% darker color. If you saturate the color by 10%, you get $178.1970, -7.3840, 12.6800$, and if you desaturate by 10%, it is $213.0170, 1.3300, -2.0780$.

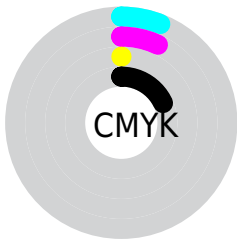
Distribution



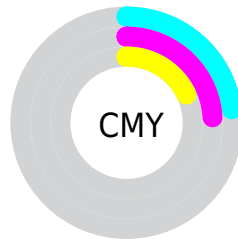
- Red (77%)
- Green (76%)
- Blue (82%)



- Red (77%)
- Yellow (76%)
- Blue (82%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6070, -3.0270, 5.3010 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 195.6070, -3.0270, 5.3010 by changing the saturation by 10% instead.

■ 195.6070, -3.0270,
5.3010

■ 195.6070, -3.0270,
5.3010

255.0000, -0.0000,
-0.0000

■ 168.4930, -2.7060,
4.9900

■ 250.8800, 0.4580,
2.7140

■ 142.1940, -3.3020,
4.7780

■ 116.4930, -2.7060,
4.9900

■ 92.0800, -2.9810,
4.4670

■ 68.3790, -2.3850,
4.6790

■ 45.9660, -2.6600,
4.1560

■ 25.4390, -2.6140,

3.3220

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 195.6070, -3.0270,
5.3010

■ 195.6070, -3.0270,
5.3010

■ 178.1970, -7.3840,
12.6800

■ 213.0170, 1.3300,
-2.0780

■ 161.0860,
-11.1450, 20.2710

■ 230.1280, 5.0910,
-9.6690

■ 144.2630,
-15.7770, 27.1270

■ 246.9510, 9.7230,
-16.5250

■ 126.8530,
-20.1340, 34.5060

■ 249.6420, 15.0870,
-14.6170

■ 109.7420,
-23.8950, 42.0970

■ 92.3320, -28.2520,
49.4760

■ 75.2210, -32.0130,
57.0670

■ 58.3980, -36.6450,
63.9230

■ 40.9880, -41.0020,
71.3020

Harmonies

Analogous

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



194.9050, -9.8580, 2.4460



195.6070, -3.0270, 5.3010



196.5540, 4.4920, 6.7000

Triad

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



195.6070, -3.0270, 5.3010



195.6440, 12.7460, 0.2820



192.1510, -10.9110, -6.0070

Complementary

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



195.6070, -3.0270, 5.3010



205.3930, 3.0270, -5.3010

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.



192.8590, -4.2170, -6.1770



195.6070, -3.0270, 5.3010



194.7960, 9.2620, -2.6580

Square

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



195.6070, -3.0270, 5.3010



196.0510, 13.1580, 3.8300



193.9800, 2.7520, -5.8240



192.4650, -14.6710, -3.9430

Rectangle

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



195.6070, -3.0270, 5.3010



196.5930, 8.7560, 6.5160



193.9800, 2.7520, -5.8240



192.5210, -9.0770, -6.2050

Sweetspot

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



195.6070, -3.0270, 5.3010



250.8690, -1.0090, 1.7670



201.7540, -8.1150, -1.6110



125.3420, -0.9630, 0.9330



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.



195.6070, -3.0270, 5.3010



236.1170, -4.4030, 8.2130



197.7000, 1.1450, 6.7850



95.8520, -2.3390, 3.8450



29.3180, -33.6640, 59.4560



7.0660, -8.3930, 14.4470

Inverse Universe

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



198.8530, 5.0880, 6.9120



240.9290, 7.9300, 10.4740



203.3000, -1.1450, -6.7850



98.2010, 3.9880, 4.8200



65.6220, 56.7930, 77.6010



16.0210, 13.8430, 18.9550

Previews

White Background



This preview shows how the YIQ color 195.6070, -3.0270, 5.3010 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 195.6070, -3.0270, 5.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

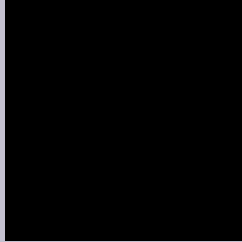
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6070, -3.0270, 5.3010

Background



This preview shows how black text looks on a background with the YIQ color 195.6070, -3.0270, 5.3010.

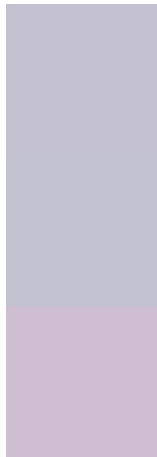


This preview shows how white text looks on a background with the YIQ color 195.6070, -3.0270,

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

195.6070, -3.0270, 5.3010

Protanopia

195.5960, -4.4940, 4.3540

Deuteranopia

196.6620, 4.3080, 10.0360



Tritanopia

195.6070, -3.0270, 5.3010

Trichromacy



Original Color

195.6070, -3.0270, 5.3010

Protanomaly

195.8950, -3.8980, 4.5660

Deuteranomaly

196.0530, 1.6490, 8.6650

Tritanomaly

195.6070, -3.0270, 5.3010

Monochromacy



Original Color

195.6070, -3.0270, 5.3010

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6070, -3.0270, 5.3010 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, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 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(196, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 208) }
```

Border

The CSS property to change the border of an element to YIQ 195.6070, -3.0270, 5.3010 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, 193, 208) }
```


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

```
.border{ border-color:rgb(196, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6070, -3.0270, 5.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 208) }
```

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

```
.background{ background-color: rgb(196,  
193, 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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