

Converting Colors

YIQ(195.6070, -29.3900, 4.0020)

Have a look what the booklet for
YIQ(195.6070, -29.3900, 4.0020)
contains.

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Color

**YIQ(195.6070, -29.3900,
4.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC9EB
RGB	170, 201, 235
RGB Percent	67%, 79%, 92%
CMY	0.3334, 0.2117, 0.0786
CMYK	0.28, 0.14, 0.00, 0.08
HSL	211°, 62%, 79%
HSV	211°, 28%, 92%
XYZ	52.4545, 56.3200, 86.6758
YIQ	195.6070, -29.3900, 4.0020

Conversions

Conversions Part 2

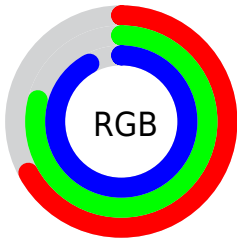
Format	Color
R _Y B	170, 191, 235
Decimal	11192811
CIE Lab	79.80, -2.79, -20.19
CIE LCh	80, 20.384, 262.146
Yxy	56.3200, 0.2684, 0.2882
Android (android.graphics.Color)	4289382891 (0xFFAAC9EB)
YUV	195.6070, 19.4207, -22.4573
Hunter-Lab	75.0467, -6.5676, -15.9449

Details

The YIQ color $195.6070, -29.3900, 4.0020$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $209.3930, 29.3900, -4.0020$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, -17.2840, -6.1480$, and $141.3790, -28.7480, 3.3800$ is the 20% darker color. If you saturate the color by 10%, you get $181.3870, -40.3940, 5.1900$, and if you desaturate by 10%, it is $209.5280, -18.9820, 2.6020$.

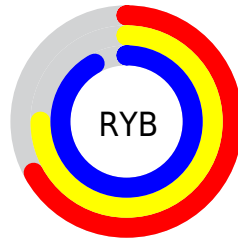
Distribution



Red (67%)

Green (79%)

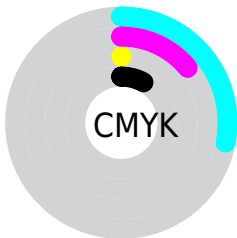
Blue (92%)



Red (67%)

Yellow (75%)

Blue (92%)

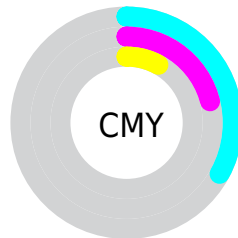


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (8%)



Cyan (33%)

Magenta (21%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6070, -29.3900, 4.0020 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, -29.3900, 4.0020 by changing the saturation by 10% instead.

■ 195.6070,
-29.3900, 4.0020

■ 195.6070,
-29.3900, 4.0020

■ 255.0000, -0.0000,
-0.0000

■ 168.4930,
-29.0690, 3.6910

■ 246.3290,
-17.2840, -6.1480

■ 141.3790,
-28.7480, 3.3800

■ 115.2650,
-28.4270, 3.0690

■ 90.7380, -28.3810,
2.2350

■ 66.3250, -28.6560,
1.7120

■ 42.0040, -32.1860,
-0.3940

■ 23.7660, -25.5840,

1.1040

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 195.6070,
-29.3900, 4.0020

■ 195.6070,
-29.3900, 4.0020

■ 181.3870,
-40.3940, 5.1900

■ 209.5280,
-18.9820, 2.6020

■ 166.8790,
-50.5270, 7.1130

■ 224.3350, -8.2530,
0.8910

■ 152.9580,
-60.9350, 8.5130

■ 238.2560, 2.1550,
-0.5090

■ 138.7380,
-71.9390, 9.7010

■ 249.7850, 7.7950,
-3.6050

■ 124.8170,
-82.3470, 11.1010

■ 252.7200, 6.4200,
-6.2200

■ 110.0100,
-93.0760, 12.8120

■ 96.0890,
-103.4840, 14.2120

■ 92.5340,
-106.2350, 14.5090

Harmonies

Analogous

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



192.2480, -38.9250, -4.9170



195.6070, -29.3900, 4.0020



199.3320, -12.1980, 11.8180

Triad

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



195.6070, -29.3900, 4.0020



200.7330, 31.9090, 10.9250



193.3820, -7.6080, -16.3120

Complementary

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



195.6070, -29.3900, 4.0020



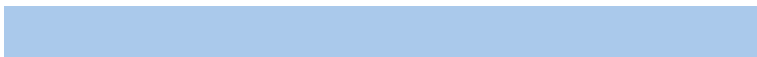
209.3930, 29.3900, -4.0020

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.



195.3580, 10.1350, -12.9770



195.6070, -29.3900, 4.0020



199.5770, 32.0480, 2.8960

Square

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



195.6070, -29.3900, 4.0020



201.5180, 22.5090, 16.0850



197.8870, 24.9430, -6.0090



191.5140, -25.5350, -16.3110

Rectangle

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



195.6070, -29.3900, 4.0020



200.3830, 0.9600, 15.6480



197.8870, 24.9430, -6.0090



193.7310, -1.2810, -15.3370

Sweetspot

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



195.6070, -29.3900, 4.0020



242.5630, -8.8950, 1.5130



212.0310, -28.7890, -23.4210



120.0040, -5.8230, 0.9050



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, -29.3900, 4.0020



204.0560, -37.9640, 5.2040



177.7090, -20.2690, 20.4270



110.1890, -4.9060, 0.8060



71.1160, -81.7510, 11.3130



21.4180, -24.4840, 3.1960

Inverse Universe

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



192.9690, 28.7890, 23.4210



200.6760, 37.2240, 30.2480



227.2910, 20.2690, -20.4270



109.8590, 4.9510, 3.8870



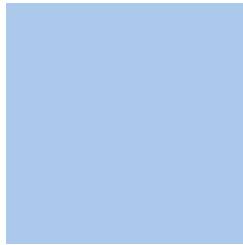
63.9230, 80.2700, 65.1180



19.1100, 23.8380, 19.5340

Previews

White Background



This preview shows how the YIQ color 195.6070, -29.3900, 4.0020 looks on a white background.

Color Contrast Check

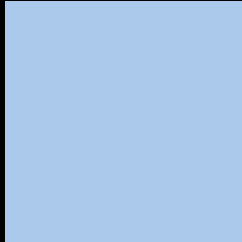
Large Text (above 18pt) WCAG AA × Fail

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, -29.3900, 4.0020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

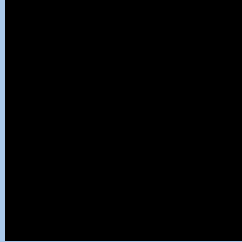
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

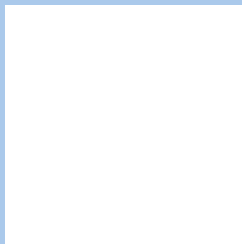
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 195.6070, -29.3900, 4.0020

Background



This preview shows how black text looks on a background with the YIQ color 195.6070, -29.3900, 4.0020.



This preview shows how white text looks on a background with the YIQ color 195.6070, -29.3900,

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, -29.3900, 4.0020

Protanopia

198.1960, -14.8110, 9.6130

Deuteranopia

199.2120, -11.7400, 14.5320



Tritanopia

194.7610, -27.1880, -2.8680

Trichromacy



Original Color

195.6070, -29.3900, 4.0020

Protanomaly

197.3910, -19.8540, 7.3940

Deuteranomaly

197.8690, -18.2040, 10.5320

Tritanomaly

195.0430, -27.9220, -0.5780

Monochromacy



Original Color

195.6070, -29.3900, 4.0020

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.0790, -10.4080, 1.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6070, -29.3900, 4.0020 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(170, 201, 235)` looks like.

```
.text, #text, p{  
    color:rgb(170, 201, 235)  
}
```

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(170, 201, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 201, 235) }
```

Border

The CSS property to change the border of an element to YIQ 195.6070, -29.3900, 4.0020 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(170, 201, 235) }
```


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

```
.border{ border-color:rgb(170, 201, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 201, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(170, 201,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6070, -29.3900, 4.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 201, 235) }
```

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

```
.background{ background-color: rgb(170,  
201, 235) }
```

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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