

Converting Colors

YIQ(209.5930, -17.6070, 5.2170)

Have a look what the booklet for
YIQ(209.5930, -17.6070, 5.2170)
contains.

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Color

**YIQ(209.5930, -17.6070,
5.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D3EE
RGB	196, 211, 238
RGB Percent	77%, 83%, 93%
CMY	0.2314, 0.1725, 0.0668
CMYK	0.18, 0.11, 0.00, 0.07
HSL	219°, 55%, 85%
HSV	219°, 18%, 93%
XYZ	61.4888, 64.4985, 90.0797
YIQ	209.5930, -17.6070, 5.2170

Conversions

Conversions Part 2

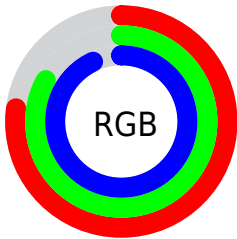
Format	Color
R _Y B	196, 207, 238
Decimal	12899310
CIE Lab	84.22, 0.43, -14.95
CIE LCh	84, 14.958, 271.662
Yxy	64.4985, 0.2846, 0.2985
Android (android.graphics.Color)	4291089390 (0xFFC4D3EE)
YUV	209.5930, 14.0047, -11.9211
Hunter-Lab	80.3110, -3.8786, -10.2842

Details

The YIQ color $209.5930, -17.6070, 5.2170$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $224.4070, 17.6070, -5.2170$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $155.3650, -16.9650, 4.5950$ is the 20% darker color. If you saturate the color by 10%, you get $193.6120, -27.7860, 7.9740$, and if you desaturate by 10%, it is $225.5740, -7.4280, 2.4600$.

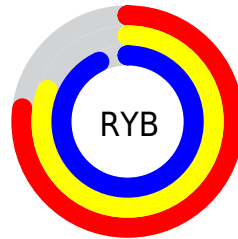
Distribution



Red (77%)

Green (83%)

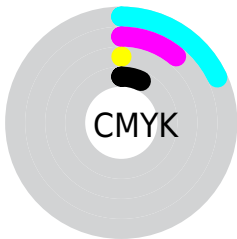
Blue (93%)



Red (77%)

Yellow (81%)

Blue (93%)

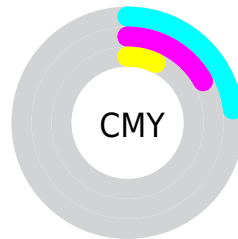


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.5930, -17.6070, 5.2170 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 209.5930, -17.6070, 5.2170 by changing the saturation by 10% instead.

■ 209.5930,
-17.6070, 5.2170

■ 209.5930,
-17.6070, 5.2170

■ 255.0000, -0.0000,
-0.0000

■ 181.8920,
-17.0110, 5.4290

■ 254.4020, -1.1920,
-0.4240

■ 155.3650,
-16.9650, 4.5950

■ 129.2510,
-16.6440, 4.2840

■ 103.5500,
-16.0480, 4.4960

■ 79.4360, -15.7270,
4.1850

■ 56.0230, -16.0020,
3.6620

■ 34.4960, -15.9560,

2.8280

■ 13.3820, -15.6350,
2.5170

■ 1.3680, -3.8520,
3.7320

■ 209.5930,
-17.6070, 5.2170

■ 209.5930,
-17.6070, 5.2170

■ 193.6120,
-27.7860, 7.9740

■ 225.5740, -7.4280,
2.4600

■ 177.0440,
-37.6900, 11.2540

■ 242.1420, 2.4760,
-0.8200

■ 161.3620,
-47.2730, 14.2230

■ 253.0620, 5.4570,
-5.2870

■ 145.3810,
-57.4520, 16.9800

■ 129.4000,
-67.6310, 19.7370

■ 112.8320,
-77.5350, 23.0170

■ 96.8510, -87.7140,
25.7740

■ 81.1690, -97.2970,
28.7430

■ 77.0270, -99.7730,
29.5630

Harmonies

Analogous

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



207.0000, -26.3630, -1.2990



209.5930, -17.6070, 5.2170



211.5840, -4.2200, 10.4040

Triad

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



209.5930, -17.6070, 5.2170



212.0910, 24.8490, 6.7130



206.2340, -9.9470, -12.4670

Complementary

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



209.5930, -17.6070, 5.2170



224.4070, 17.6070, -5.2170

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.



208.1170, 3.6240, -10.6160



209.5930, -17.6070, 5.2170



211.2060, 22.7870, 0.0270

Square

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



209.5930, -17.6070, 5.2170



213.3880, 19.7590, 10.8550



209.5100, 15.8190, -5.8530



205.7150, -21.5470, -11.4910

Rectangle

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



209.5930, -17.6070, 5.2170



212.4280, 5.0870, 12.4390



209.5100, 15.8190, -5.8530



206.6860, -5.4080, -12.1280

Sweetspot

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



209.5930, -17.6070, 5.2170



246.4170, -5.5480, 1.4280



223.7320, -20.2170, -13.5690



122.6730, -3.3930, 0.9190



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.



209.5930, -17.6070, 5.2170



218.8960, -22.8340, 6.3340



202.5820, -9.9060, 14.3340



111.7160, -4.9520, 1.6400



59.7180, -77.2140, 22.7060



18.1240, -23.4760, 6.9560

Inverse Universe

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



210.2680, 20.2170, 13.5690



219.4260, 25.7640, 17.6680



231.4180, 9.9060, -14.3340



112.0440, 5.8680, 3.7880



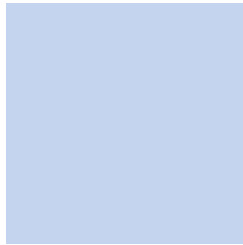
62.5400, 88.4780, 59.5340



19.0240, 26.9560, 18.0920

Previews

White Background



This preview shows how the YIQ color 209.5930, -17.6070, 5.2170 looks on a white background.

Color Contrast Check

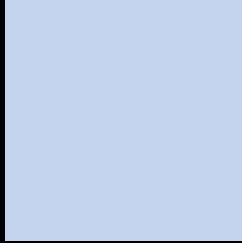
Large Text (above 18pt) WCAG AA × Fail

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 209.5930, -17.6070, 5.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

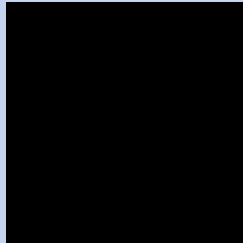
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.5930, -17.6070, 5.2170

Background



This preview shows how black text looks on a background with the YIQ color 209.5930, -17.6070, 5.2170.



This preview shows how white text looks on a background with the YIQ color 209.5930, -17.6070,

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

209.5930, -17.6070, 5.2170

Protanopia

210.5940, -10.1800, 8.2840

Deuteranopia

212.1650, -4.3580, 12.9060



Tritanopia

208.5560, -16.1850, 1.4710

Trichromacy



Original Color

209.5930, -17.6070, 5.2170

Protanomaly

210.0990, -13.1600, 7.2240

Deuteranomaly

211.2460, -9.0800, 10.3760

Tritanomaly

209.1970, -16.5520, 2.6160

Monochromacy



Original Color

209.5930, -17.6070, 5.2170

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.6450, -6.1900, 2.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.5930, -17.6070, 5.2170 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, 211, 238)` looks like.

```
.text, #text, p{  
    color:rgb(196, 211, 238)  
}
```

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, 211, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 211, 238) }
```

Border

The CSS property to change the border of an element to YIQ 209.5930, -17.6070, 5.2170 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, 211, 238) }
```


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

```
.border{ border-color:rgb(196, 211, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 211, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 211, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 211, 238);  
box-shadow:4px 4px 4px 4px rgb(196, 211,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 209.5930, -17.6070, 5.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 211, 238) }
```

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

```
.background{ background-color: rgb(196,  
211, 238) }
```

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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