

Converting Colors

YIQ(195.1710, -13.6630,
-0.1830)

Have a look what the booklet for
YIQ(195.1710, -13.6630, -0.1830)
contains.

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Color

**YIQ(195.1710, -13.6630,
-0.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C7D2
RGB	182, 199, 210
RGB Percent	71%, 78%, 82%
CMY	0.2863, 0.2196, 0.1765
CMYK	0.13, 0.05, 0.00, 0.18
HSL	204°, 24%, 77%
HSV	204°, 13%, 82%
XYZ	51.3453, 55.4465, 68.9584
YIQ	195.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

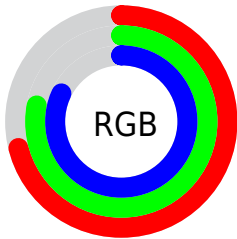
Format	Color
R _Y B	182, 193, 210
Decimal	11978706
CIE Lab	79.30, -3.55, -7.45
CIE LCh	79, 8.250, 244.507
Yxy	55.4465, 0.2921, 0.3155
Android (android.graphics.Color)	4290168786 (0xFFB6C7D2)
YUV	195.1710, 7.3107, -11.5510
Hunter-Lab	74.4624, -7.2252, -2.7838

Details

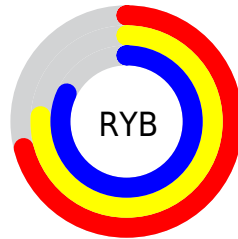
The YIQ color $195.1710, -13.6630, -0.1830$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.8290, 13.6630, 0.1830$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $141.4700, -13.0670, 0.0290$ is the 20% darker color. If you saturate the color by 10%, you get $184.1960, -23.9790, -0.4510$, and if you desaturate by 10%, it is $206.1460, -3.3470, 0.0850$.

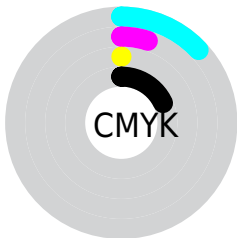
Distribution



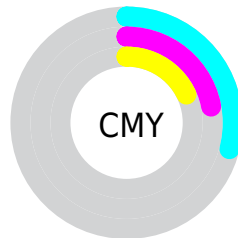
- Red (71%)
- Green (78%)
- Blue (82%)



- Red (71%)
- Yellow (76%)
- Blue (82%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.1710, -13.6630, -0.1830 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 195.1710, -13.6630, -0.1830 by changing the saturation by 10% instead.

■ 195.1710,
-13.6630, -0.1830

■ 195.1710,
-13.6630, -0.1830

■ 255.0000, -0.0000,
-0.0000

■ 168.0570,
-13.3420, -0.4940

■ 249.9170,
-10.1320, -3.6040

■ 141.4700,
-13.0670, 0.0290

■ 116.3560,
-12.7460, -0.2820

■ 91.2420, -12.4250,
-0.5930

■ 67.5410, -11.8290,
-0.3810

■ 45.4270, -11.5080,
-0.6920

■ 24.4270, -11.5080,

-0.6920

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 195.1710,
-13.6630, -0.1830

■ 195.1710,
-13.6630, -0.1830

■ 184.1960,
-23.9790, -0.4510

■ 206.1460, -3.3470,
0.0850

■ 173.2210,
-34.2950, -0.7190

■ 217.1210, 6.9690,
0.3530

■ 161.6590,
-44.3360, -0.4640

■ 228.6830, 17.0100,
0.0980

■ 150.6840,
-54.6520, -0.7320

■ 236.3690, 20.7700,
-1.9660

■ 139.7090,
-64.9680, -1.0000

■ 241.0650, 18.5700,
-6.1500

■ 128.7340,
-75.2840, -1.2680

■ 245.7610, 16.3700,
-10.3340

■ 117.1720,
-85.3250, -1.0130

■ 249.8700, 14.4450,
-13.9950

■ 106.1970,
-95.6410, -1.2810

■ 99.0760,
-102.6100, -1.6340

Harmonies

Analogous

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



194.5790, -14.9920, -3.6320



195.1710, -13.6630, -0.1830



196.6170, -8.9870, 3.1810

Triad

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



195.1710, -13.6630, -0.1830



198.0340, 11.8280, 5.9080



195.4960, 1.2390, -5.9370

Complementary

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



195.1710, -13.6630, -0.1830



196.8290, 13.6630, 0.1830

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.



196.0840, 8.3910, -3.3930



195.1710, -13.6630, -0.1830



197.8230, 13.8000, 3.2080

Square

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



195.1710, -13.6630, -0.1830



198.0380, 6.0050, 6.8130



197.2310, 12.4710, -0.2410



194.3750, -5.7300, -6.2900

Rectangle

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



195.1710, -13.6630, -0.1830



197.0090, -4.2190, 4.8770



197.2310, 12.4710, -0.2410



195.5780, 3.9440, -5.4000

Sweetspot

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



195.1710, -13.6630, -0.1830



249.6620, -4.8600, -0.0280



199.6900, -11.2310, -11.2230



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



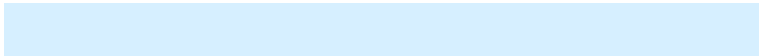
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195.1710, -13.6630, -0.1830



233.3490, -20.0360, -0.3240



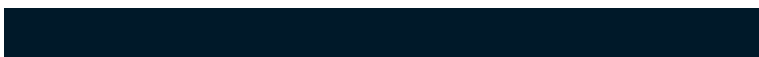
186.9530, -9.8130, 7.1390



98.7760, -5.1810, 0.2830



79.0260, -81.9780, -1.0980



19.3490, -20.0360, -0.3240

Inverse Universe

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



192.3100, 11.2310, 11.2230



229.1090, 16.4110, 16.4670



205.0470, 9.8130, -7.1390



97.9730, 4.6300, 4.1980



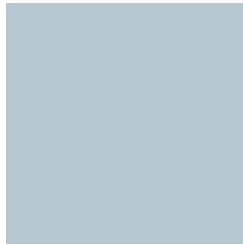
61.8600, 67.3860, 67.3380



15.1090, 16.4110, 16.4670

Previews

White Background



This preview shows how the YIQ color 195.1710, -13.6630, -0.1830 looks on a white background.

Color Contrast Check

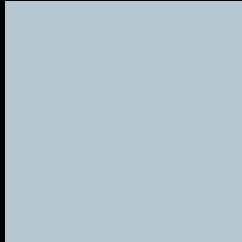
Large Text (above 18pt) WCAG AA × Fail

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 195.1710, -13.6630, -0.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

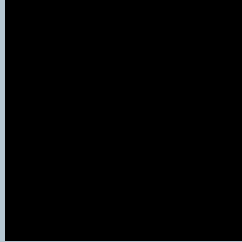
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

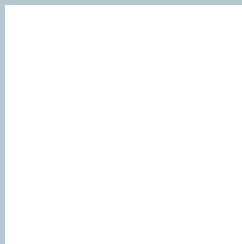
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 195.1710, -13.6630, -0.1830

Background



This preview shows how black text looks on a background with the YIQ color 195.1710, -13.6630, -0.1830.



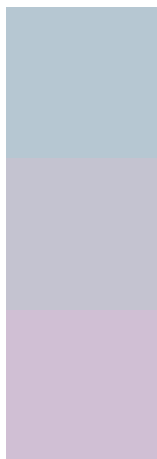
This preview shows how white text looks on a background with the YIQ color 195.1710, -13.6630, -0.1830.

-0.1830.

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

195.1710, -13.6630, -0.1830

Protanopia

196.7810, -3.5770, 4.2550

Deuteranopia

198.4770, 3.3910, 10.1350



Tritanopia

195.3390, -14.0760, 1.7960

Trichromacy



Original Color

195.1710, -13.6630, -0.1830

Protanomaly

195.9870, -7.1530, 2.9830

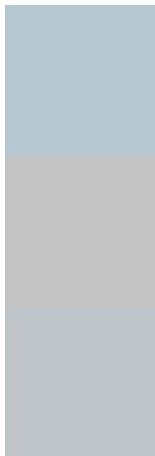
Deuteranomaly

197.4330, -2.4770, 6.3470

Tritanomaly

195.2250, -13.7550, 1.4850

Monochromacy



Original Color

195.1710, -13.6630, -0.1830

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.6620, -4.8600, -0.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.1710, -13.6630, -0.1830 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(182, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 210)  
}
```

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(182, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 210) }
```

Border

The CSS property to change the border of an element to YIQ 195.1710, -13.6630, -0.1830 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(182, 199, 210) }
```


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

```
.border{ border-color:rgb(182, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 195.1710, -13.6630, -0.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 210) }
```

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

```
.background{ background-color: rgb(182,  
199, 210) }
```

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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