

Converting Colors

YIQ(215.1710, -13.6630,
-0.1830)

Have a look what the booklet for
YIQ(215.1710, -13.6630, -0.1830)
contains.

YIQ(215.1710, -13.6630, -0.1830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(215.1710, -13.6630,
-0.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	CADBE6
RGB	202, 219, 230
RGB Percent	79%, 86%, 90%
CMY	0.2079, 0.1411, 0.0981
CMYK	0.12, 0.05, 0.00, 0.10
HSL	204°, 36%, 85%
HSV	204°, 12%, 90%
XYZ	63.9689, 68.9344, 84.7853
YIQ	215.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

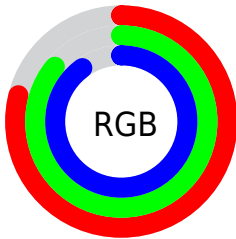
Format	Color
R _Y B	202, 213, 230
Decimal	13294566
CIE Lab	86.47, -3.51, -7.32
CIE LCh	86, 8.124, 244.373
Yxy	68.9344, 0.2939, 0.3167
Android (android.graphics.Color)	4291484646 (0xFFCADBE6)
YUV	215.1710, 7.3107, -11.5510
Hunter-Lab	83.0268, -7.7695, -2.4271

Details

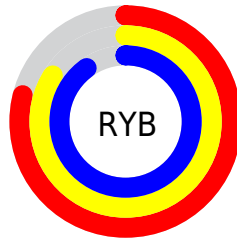
The YIQ color $215.1710, -13.6630, -0.1830$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $216.8290, 13.6630, 0.1830$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.4700, -13.0670, 0.0290$ is the 20% darker color. If you saturate the color by 10%, you get $203.0110, -24.8960, -0.3520$, and if you desaturate by 10%, it is $227.3310, -2.4300, -0.0140$.

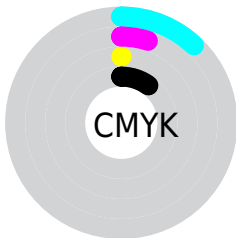
Distribution



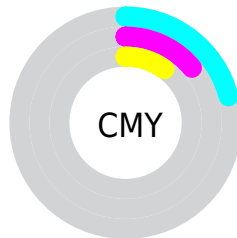
- Red (79%)
- Green (86%)
- Blue (90%)



- Red (79%)
- Yellow (84%)
- Blue (90%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.1710, -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 215.1710, -13.6630, -0.1830 by changing the saturation by 10% instead.

■ 215.1710,
-13.6630, -0.1830

■ 215.1710,
-13.6630, -0.1830

255.0000, -0.0000,
-0.0000

■ 187.4700,
-13.0670, 0.0290

■ 160.4700,
-13.0670, 0.0290

■ 134.3560,
-12.7460, -0.2820

■ 108.6550,
-12.1500, -0.0700

■ 84.5410, -11.8290,
-0.3810

■ 61.5410, -11.8290,
-0.3810

■ 39.4270, -11.5080,

-0.6920

■ 17.8290, -12.7000,
-1.1160

■ 0.3420, -0.9630,
0.9330

■ 215.1710,
-13.6630, -0.1830

■ 215.1710,
-13.6630, -0.1830

■ 203.0110,
-24.8960, -0.3520

■ 227.3310, -2.4300,
-0.0140

■ 190.8510,
-36.1290, -0.5210

■ 239.4910, 8.8030,
0.1550

■ 178.6910,
-47.3620, -0.6900

■ 246.8670, 10.5000,
-3.0680

■ 166.5310,
-58.5950, -0.8590

■ 252.1500, 8.0250,
-7.7750

■ 154.3710,
-69.8280, -1.0280

■ 142.2110,
-81.0610, -1.1970

■ 130.0510,
-92.2940, -1.3660

■ 117.8910,
-103.5270, -1.5350

■ 108.4000,
-112.3300, -1.6900

Harmonies

Analogous

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



214.5790, -14.9920, -3.6320



215.1710, -13.6630, -0.1830



216.6170, -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.



215.1710, -13.6630, -0.1830



218.0340, 11.8280, 5.9080



215.4960, 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.



215.1710, -13.6630, -0.1830



216.8290, 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.



216.0840, 8.3910, -3.3930



215.1710, -13.6630, -0.1830



217.8230, 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.



215.1710, -13.6630, -0.1830



218.0380, 6.0050, 6.8130



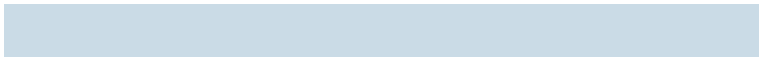
217.2310, 12.4710, -0.2410



214.3750, -5.7300, -6.2900

Rectangle

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



215.1710, -13.6630, -0.1830



217.0090, -4.2190, 4.8770



217.2310, 12.4710, -0.2410



215.5780, 3.9440, -5.4000

Sweetspot

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



215.1710, -13.6630, -0.1830



249.6620, -4.8600, -0.0280



219.6900, -11.2310, -11.2230



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



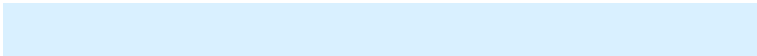
128.0000, -0.0000, -0.0000

Same Dimension

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



215.1710, -13.6630, -0.1830



234.8330, -18.5230, -0.2110



206.9530, -9.8130, 7.1390



108.4770, -5.7770, 0.0710



84.3890, -87.4340, -1.3380



24.0110, -24.8960, -0.3520

Inverse Universe

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



212.3100, 11.2310, 11.2230



230.9840, 15.2650, 15.2090



225.0470, 9.8130, -7.1390



107.3860, 4.9050, 4.7210



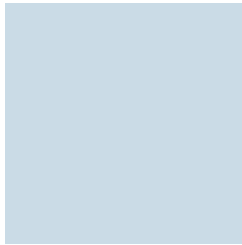
65.9470, 71.6950, 71.8470



18.7830, 20.4450, 20.4530

Previews

White Background



This preview shows how the YIQ color 215.1710, -13.6630, -0.1830 looks on a white background.

Color Contrast Check

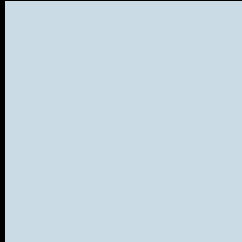
Large Text (above 18pt) WCAG AA × Fail

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 215.1710, -13.6630, -0.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

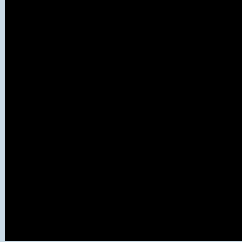
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

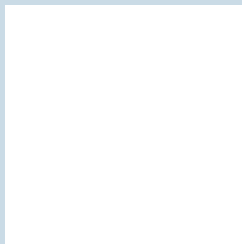
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.1710, -13.6630, -0.1830

Background



This preview shows how black text looks on a background with the YIQ color 215.1710, -13.6630, -0.1830.



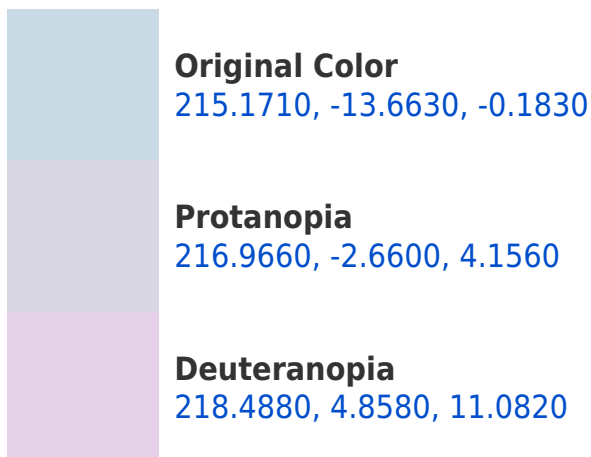
This preview shows how white text looks on a background with the YIQ color 215.1710, -13.6630, -0.1830.

-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

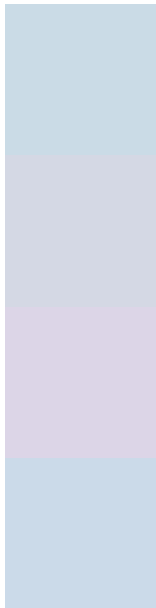




Tritanopia

215.4530, -14.3970, 2.1070

Trichromacy



Original Color

215.1710, -13.6630, -0.1830

Protanomaly

216.1720, -6.2360, 2.8840

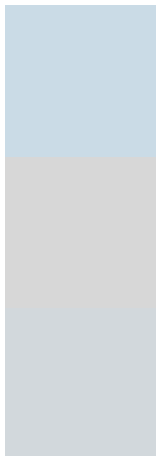
Deuteranomaly

217.1450, -1.6060, 7.0820

Tritanomaly

215.2250, -13.7550, 1.4850

Monochromacy



Original Color

215.1710, -13.6630, -0.1830

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.6620, -4.8600, -0.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.1710, -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(202, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(202, 219, 230)  
}
```

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(202, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 219, 230) }
```

Border

The CSS property to change the border of an element to YIQ 215.1710, -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(202, 219, 230) }
```


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

```
.border{ border-color:rgb(202, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(202, 219,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 215.1710, -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(202, 219, 230) }
```

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

```
.background{ background-color: rgb(202,  
219, 230) }
```

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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