

Converting Colors

YIQ(210.7670, -18.1570, 4.1710)

Have a look what the booklet for
YIQ(210.7670, -18.1570, 4.1710)
contains.

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Color

**YIQ(210.7670, -18.1570,
4.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D5EE
RGB	196, 213, 238
RGB Percent	77%, 84%, 93%
CMY	0.2314, 0.1647, 0.0668
CMYK	0.18, 0.10, 0.00, 0.07
HSL	216°, 55%, 85%
HSV	216°, 18%, 93%
XYZ	61.9886, 65.4987, 90.2463
YIQ	210.7670, -18.1570, 4.1710

Conversions

Conversions Part 2

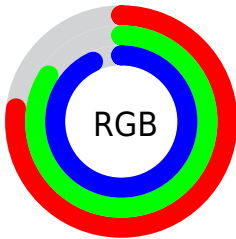
Format	Color
R _Y B	196, 208, 238
Decimal	12899822
CIE Lab	84.74, -0.62, -14.18
CIE LCh	85, 14.192, 267.499
Yxy	65.4987, 0.2847, 0.3008
Android (android.graphics.Color)	4291089902 (0xFFC4D5EE)
YUV	210.7670, 13.4259, -12.9507
Hunter-Lab	80.9313, -4.9093, -9.4623

Details

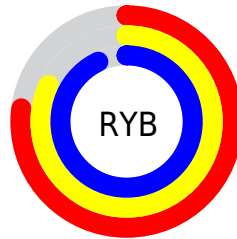
The YIQ color **210.7670, -18.1570, 4.1710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223.2330, 18.1570, -4.1710**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **254.4020, -1.1920, -0.4240**, and **155.9520, -17.2400, 4.0720** is the 20% darker color. If you saturate the color by 10%, you get **195.3730, -28.6110, 6.4050**, and if you desaturate by 10%, it is **226.1610, -7.7030, 1.9370**.

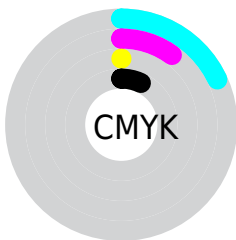
Distribution



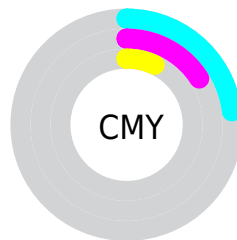
- Red (77%)
- Green (84%)
- Blue (93%)



- Red (77%)
- Yellow (82%)
- Blue (93%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (23%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.7670, -18.1570, 4.1710 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 210.7670, -18.1570, 4.1710 by changing the saturation by 10% instead.

■ 210.7670,
-18.1570, 4.1710

■ 210.7670,
-18.1570, 4.1710

■ 255.0000, -0.0000,
-0.0000

■ 183.0660,
-17.5610, 4.3830

■ 254.4020, -1.1920,
-0.4240

■ 155.9520,
-17.2400, 4.0720

■ 129.8380,
-16.9190, 3.7610

■ 104.7240,
-16.5980, 3.4500

■ 80.6100, -16.2770,
3.1390

■ 57.1970, -16.5520,
2.6160

■ 35.0830, -16.2310,

2.3050

■ 14.5560, -16.1850,
1.4710

■ 1.3680, -3.8520,
3.7320

■ 210.7670,
-18.1570, 4.1710

■ 210.7670,
-18.1570, 4.1710

■ 195.3730,
-28.6110, 6.4050

■ 226.1610, -7.7030,
1.9370

■ 179.9790,
-39.0650, 8.6390

■ 241.5550, 2.7510,
-0.2970

■ 164.8840,
-48.9230, 11.0850

■ 253.0620, 5.4570,
-5.2870

■ 148.9030,
-59.1020, 13.8420

■ 133.5090,
-69.5560, 16.0760

■ 118.1150,
-80.0100, 18.3100

■ 102.7210,
-90.4640, 20.5440

■ 87.6260,
-100.3220, 22.9900

■ 83.4840,
-102.7980, 23.8100

Harmonies

Analogous

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



208.7720, -25.7210, -1.9210



210.7670, -18.1570, 4.1710



213.1600, -5.9620, 8.9340

Triad

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



210.7670, -18.1570, 4.1710



213.7210, 23.0150, 6.9110



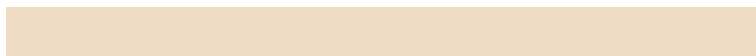
208.4300, -7.5630, -11.6190

Complementary

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



210.7670, -18.1570, 4.1710



223.2330, 18.1570, -4.1710

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.



209.5410, 5.3660, -9.1460



210.7670, -18.1570, 4.1710



212.7330, 22.7410, 0.8610

Square

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



210.7670, -18.1570, 4.1710



214.6050, 17.6500, 10.5300



211.3360, 16.3690, -4.8070



206.9110, -19.1630, -10.6430

Rectangle

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



210.7670, -18.1570, 4.1710



214.1180, 3.0240, 11.2800



211.3360, 16.3690, -4.8070



208.8820, -3.0240, -11.2800

Sweetspot

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



210.7670, -18.1570, 4.1710



246.4170, -5.5480, 1.4280



223.3900, -19.2540, -14.5020



122.6730, -3.3930, 0.9190



0.0000, 0.0000, 0.0000



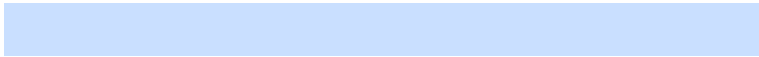
128.0000, -0.0000, -0.0000

Same Dimension

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



210.7670, -18.1570, 4.1710



220.0700, -23.3840, 5.2880



201.6850, -11.6940, 13.6980



112.3030, -5.2270, 1.1170



64.4140, -79.4140, 18.5220



19.8850, -24.3010, 5.3870

Inverse Universe

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



210.4960, 19.5750, 14.1910



219.6540, 25.1220, 18.2900



232.0160, 11.0980, -13.9100



112.1580, 5.5470, 4.0990



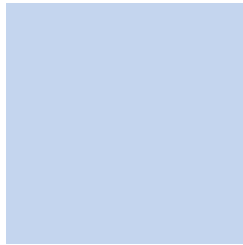
63.4520, 85.9100, 62.0220



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 210.7670, -18.1570, 4.1710 looks on a white background.

Color Contrast Check

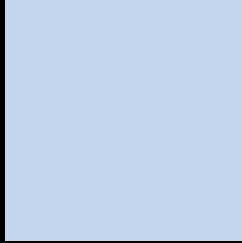
Large Text (above 18pt) WCAG AA × Fail

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 210.7670, -18.1570, 4.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

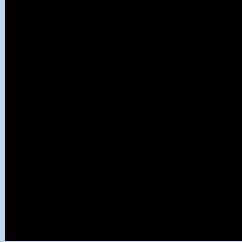
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 210.7670, -18.1570, 4.1710

Background



This preview shows how black text looks on a background with the YIQ color 210.7670, -18.1570, 4.1710.



This preview shows how white text looks on a background with the YIQ color 210.7670, -18.1570,

4.1710.

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

210.7670, -18.1570, 4.1710

Protanopia

212.3660, -9.5380, 7.6620

Deuteranopia

213.6490, -2.8450, 13.0190



Tritanopia

210.2570, -16.7810, 1.2590

Trichromacy



Original Color

210.7670, -18.1570, 4.1710

Protanomaly

211.8710, -12.5180, 6.6020

Deuteranomaly

213.0180, -8.4380, 9.7540

Tritanomaly

210.5990, -17.7440, 2.1920

Monochromacy



Original Color

210.7670, -18.1570, 4.1710

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.2320, -6.4650, 1.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.7670, -18.1570, 4.1710 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, 213, 238)` looks like.

```
.text, #text, p{  
    color:rgb(196, 213, 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, 213, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 213, 238) }
```

Border

The CSS property to change the border of an element to YIQ 210.7670, -18.1570, 4.1710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

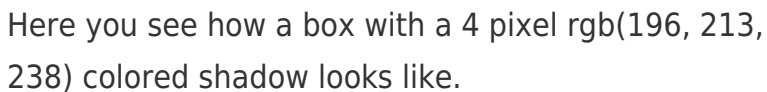
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 213, 238) }
```


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

```
.border{ border-color:rgb(196, 213, 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, 213, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 213, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 213, 238); box-shadow:4px 4px 4px 4px rgb(196, 213, 238) }
```

Background

The CSS property to change the background color of an element to YIQ 210.7670, -18.1570, 4.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 213, 238) }
```

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

```
.background{ background-color: rgb(196,  
213, 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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