

Converting Colors

YIQ(209.5770, 5.6850, 1.5970)

Have a look what the booklet for
YIQ(209.5770, 5.6850, 1.5970)
contains.

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Color

**YIQ(209.5770, 5.6850,
1.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CFCE
RGB	216, 207, 206
RGB Percent	85%, 81%, 81%
CMY	0.1529, 0.1882, 0.1921
CMYK	0.00, 0.04, 0.05, 0.15
HSL	6°, 11%, 83%
HSV	6°, 5%, 85%
XYZ	61.7737, 63.6801, 67.4320
YIQ	209.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

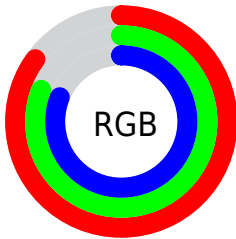
Format	Color
R _Y B	216, 207, 206
Decimal	14208974
CIE Lab	83.80, 2.94, 1.59
CIE LCh	84, 3.339, 28.445
Yxy	63.6801, 0.3203, 0.3301
Android (android.graphics.Color)	4292399054 (0xFFD8CFCE)
YUV	209.5770, -1.7635, 5.6330
Hunter-Lab	79.7998, -1.4713, 5.7590

Details

The YIQ color **209.5770, 5.6850, 1.5970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212.4230, -5.6850, -1.5970**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **155.2780, 5.0890, 1.3850** is the 20% darker color. If you saturate the color by 10%, you get **195.9160, 17.9720, 4.6920**, and if you desaturate by 10%, it is **223.2380, -6.6020, -1.4980**.

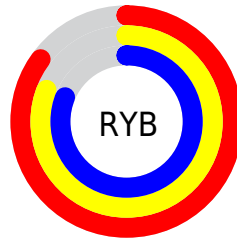
Distribution



Red (85%)

Green (81%)

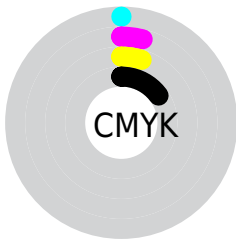
Blue (81%)



Red (85%)

Yellow (81%)

Blue (81%)

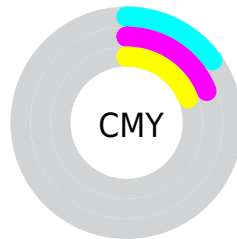


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.5770, 5.6850, 1.5970 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 209.5770, 5.6850, 1.5970 by changing the saturation by 10% instead.

■ 209.5770, 5.6850,
1.5970

■ 209.5770, 5.6850,
1.5970

255.0000, -0.0000,
-0.0000

■ 181.6910, 5.3640,
1.9080

■ 155.2780, 5.0890,
1.3850

■ 129.2780, 5.0890,
1.3850

■ 104.2780, 5.0890,
1.3850

■ 79.9790, 4.4930,
1.1730

■ 56.9790, 4.4930,
1.1730

■ 35.6800, 3.8970,

0.9610

■ 13.5770, 5.6850,
1.5970

■ 0.0000, 0.0000,
0.0000

■ 209.5770, 5.6850,
1.5970

■ 209.5770, 5.6850,
1.5970

■ 195.9160, 17.9720,
4.6920

■ 223.2380, -6.6020,
-1.4980

■ 181.7820, 30.2130,
8.6210

■ 237.3720,
-18.8430, -5.4270

■ 168.1210, 42.5000,
11.7160

■ 243.3390,
-23.2440, -8.2680

■ 153.9870, 54.7410,
15.6450

■ 140.3260, 67.0280,
18.7400

■ 126.0780, 79.5900,
22.3580

■ 112.5310, 91.5560,
25.7640

■ 98.2830, 104.1180,
29.3820

■ 84.7360, 116.0840,
32.7880

Harmonies

Analogous

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



209.6200, 4.1260, 2.3180



209.5770, 5.6850, 1.5970



209.6370, 5.4560, 0.2400

Triad

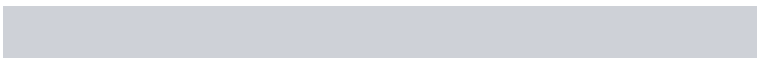
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209.5770, 5.6850, 1.5970



208.0490, -1.6960, -2.3040



208.7870, -3.7140, 1.2300

Complementary

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



209.5770, 5.6850, 1.5970



212.4230, -5.6850, -1.5970

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.



208.3630, -5.4560, -0.2400



209.5770, 5.6850, 1.5970



208.0810, -4.7220, -2.5300

Square

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



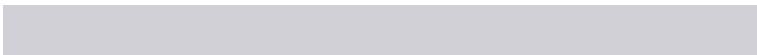
209.5770, 5.6850, 1.5970



208.6040, 1.0550, -2.6010



208.1240, -6.2810, -1.8090



208.9830, -1.3300, 2.0780

Rectangle

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



209.5770, 5.6850, 1.5970



208.9250, 4.5850, -0.4950



208.1240, -6.2810, -1.8090



209.0750, -4.5850, 0.4950

Sweetspot

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



209.5770, 5.6850, 1.5970



253.4840, 1.5130, 0.1130



210.0160, 3.0710, 4.9190



126.5980, 1.1920, 0.4240



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.



209.5770, 5.6850, 1.5970



245.0720, 8.6650, 2.6570



212.5120, 4.3100, -1.0180



102.0930, 4.1720, 1.4840



61.1080, 97.2410, 27.3610



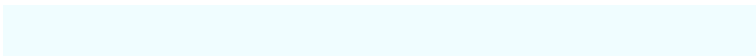
15.2050, 24.5280, 7.0240

Inverse Universe

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



212.4230, -5.6850, -1.5970



249.3410, -8.3900, -2.1340



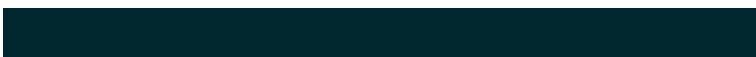
209.4880, -4.3100, 1.0180



104.3200, -3.8970, -0.9610



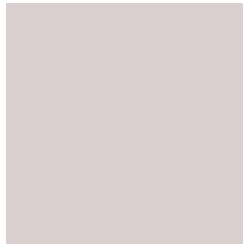
109.8920, -97.2410, -27.3610



27.7950, -24.5280, -7.0240

Previews

White Background



This preview shows how the YIQ color 209.5770, 5.6850, 1.5970 looks on a white background.

Color Contrast Check

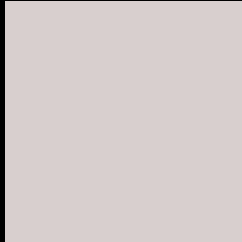
Large Text (above 18pt) WCAG AA × Fail

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 209.5770, 5.6850, 1.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

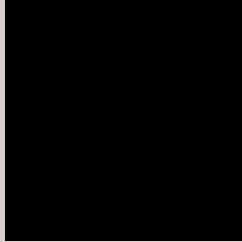
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

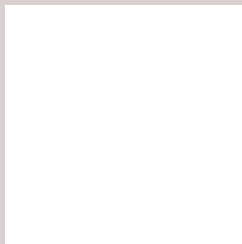
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.5770, 5.6850, 1.5970

Background



This preview shows how black text looks on a background with the YIQ color 209.5770, 5.6850, 1.5970.



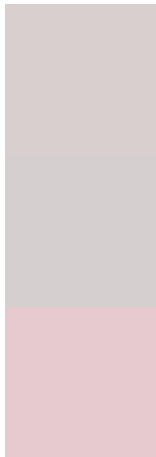
This preview shows how white text looks on a background with the YIQ color 209.5770, 5.6850,

1.5970.

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

209.5770, 5.6850, 1.5970

Protanopia

209.3810, 3.3010, 0.7490

Deuteranopia

210.9420, 15.0830, 7.4910



Tritanopia

210.7110, 2.6120, 7.7320

Trichromacy



Original Color

209.5770, 5.6850, 1.5970

Protanomaly

209.6800, 3.8970, 0.9610

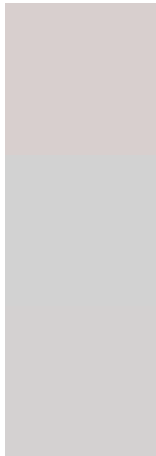
Deuteranomaly

210.6210, 11.5530, 5.3850

Tritanomaly

210.4290, 3.3460, 5.4420

Monochromacy



Original Color

209.5770, 5.6850, 1.5970

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.5770, 5.6850, 1.5970 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(216, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(216, 207, 206)  
}
```

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(216, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 207, 206) }
```

Border

The CSS property to change the border of an element to YIQ 209.5770, 5.6850, 1.5970 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(216, 207, 206) }
```


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

```
.border{ border-color:rgb(216, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 207,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 209.5770, 5.6850, 1.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 207, 206) }
```

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

```
.background{ background-color: rgb(216,  
207, 206) }
```

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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