

Converting Colors

YIQ(204.5110, -3.1170, -4.0850)

Have a look what the booklet for
YIQ(204.5110, -3.1170, -4.0850)
contains.

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Color

**YIQ(204.5110, -3.1170,
-4.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D0C9
RGB	199, 208, 201
RGB Percent	78%, 82%, 79%
CMY	0.2196, 0.1843, 0.2118
CMYK	0.04, 0.00, 0.03, 0.18
HSL	133°, 9%, 80%
HSV	133°, 4%, 82%
XYZ	56.6506, 61.4718, 64.1367
YIQ	204.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

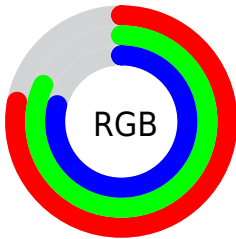
Format	Color
R_{YB}	199, 206, 208
Decimal	13095113
CIE Lab	82.63, -4.35, 2.40
CIE LCh	83, 4.971, 151.117
Yxy	61.4718, 0.3108, 0.3373
Android (android.graphics.Color)	4291285193 (0xFFC7D0C9)
YUV	204.5110, -1.7309, -4.8331
Hunter-Lab	78.4039, -8.2320, 6.3818

Details

The YIQ color $204.5110, -3.1170, -4.0850$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $202.4890, 3.1170, 4.0850$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $150.5110, -3.1170, -4.0850$ is the 20% darker color. If you saturate the color by 10%, you get $196.4080, -10.4970, -13.5130$, and if you desaturate by 10%, it is $212.6140, 4.2630, 5.3430$.

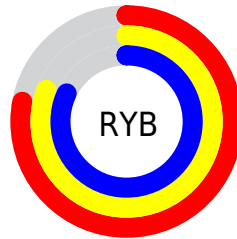
Distribution



Red (78%)

Green (82%)

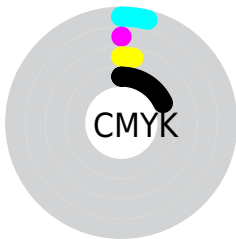
Blue (79%)



Red (78%)

Yellow (81%)

Blue (82%)

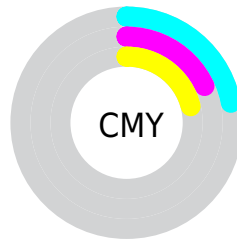


Cyan (4%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5110, -3.1170, -4.0850 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 204.5110, -3.1170, -4.0850 by changing the saturation by 10% instead.

■ 204.5110, -3.1170,
-4.0850

■ 204.5110, -3.1170,
-4.0850

255.0000, -0.0000,
-0.0000

■ 176.9240, -2.8420,
-3.5620

■ 150.5110, -3.1170,
-4.0850

■ 124.5110, -3.1170,
-4.0850

■ 99.9240, -2.8420,
-3.5620

■ 75.9240, -2.8420,
-3.5620

■ 53.2230, -2.2460,
-3.3500

■ 31.6360, -1.9710,

-2.8270

■ 8.3860, -4.2630,
-5.3430

■ 0.0000, 0.0000,
0.0000

■ 204.5110, -3.1170,
-4.0850

■ 204.5110, -3.1170,
-4.0850

■ 196.4080,
-10.4970, -13.5130

■ 212.6140, 4.2630,
5.3430

■ 188.3050,
-17.8770, -22.9410

■ 220.7170, 11.6430,
14.7710

■ 180.3870,
-24.3400, -32.4680

■ 226.8410, 14.5300,
23.0260

■ 172.2840,
-31.7200, -41.8960

■ 227.4110, 12.9250,
24.5810

■ 164.1810,
-39.1000, -51.3240

■ 156.0780,
-46.4800, -60.7520

■ 147.9750,
-53.8600, -70.1800

■ 140.1710,
-60.6440, -79.3960

■ 131.9540,
-67.7030, -89.1350

Harmonies

Analogous

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



205.0770, 1.1010, -3.4350



204.5110, -3.1170, -4.0850



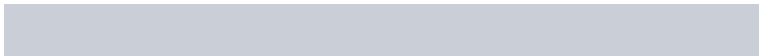
204.4720, -7.3810, -3.9010

Triad

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



204.5110, -3.1170, -4.0850



205.5310, -5.8690, 1.7390



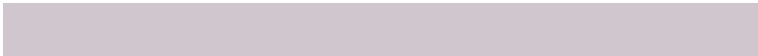
206.6590, 8.3900, 2.1340

Complementary

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



204.5110, -3.1170, -4.0850



202.4890, 3.1170, 4.0850

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.



206.9300, 6.1890, 3.4770



204.5110, -3.1170, -4.0850



206.0370, -1.4220, 3.7460

Square

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



204.5110, -3.1170, -4.0850



204.8080, -8.2070, 0.0570



206.4890, 3.1170, 4.0850



206.3060, 7.8860, 0.2540

Rectangle

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



204.5110, -3.1170, -4.0850



204.2270, -8.0690, -2.4450



206.4890, 3.1170, 4.0850



206.7730, 8.0690, 2.4450

Sweetspot

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



204.5110, -3.1170, -4.0850



253.8750, -1.1460, -1.2580



206.3760, 1.6970, -3.2230



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000



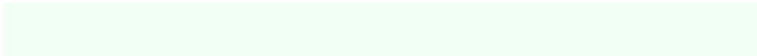
128.0000, -0.0000, -0.0000

Same Dimension

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



204.5110, -3.1170, -4.0850



249.9730, -4.5380, -5.8660



204.9670, -4.4010, -2.8410



102.3370, -2.5670, -3.0390



102.8340, -58.0770, -76.3570



25.0930, -14.1640, -18.6440

Inverse Universe

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



202.4890, 3.1170, 4.0850



247.0270, 4.5380, 5.8660



202.0330, 4.4010, 2.8410



100.6630, 2.5670, 3.0390



65.1660, 58.0770, 76.3570



15.9070, 14.1640, 18.6440

Previews

White Background



This preview shows how the YIQ color 204.5110, -3.1170, -4.0850 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 204.5110, -3.1170, -4.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

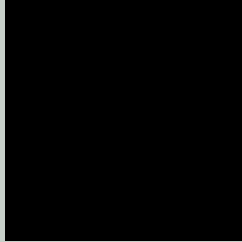
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

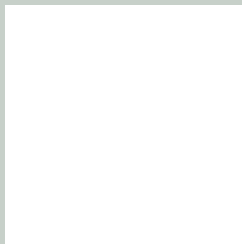
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.5110, -3.1170, -4.0850

Background



This preview shows how black text looks on a background with the YIQ color 204.5110, -3.1170, -4.0850.



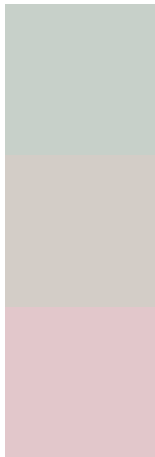
This preview shows how white text looks on a background with the YIQ color 204.5110, -3.1170,

-4.0850.

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

204.5110, -3.1170, -4.0850

Protanopia

206.1100, 5.5020, -0.5940

Deuteranopia

207.5290, 14.8080, 6.9680



Tritanopia

205.9270, -6.9240, 4.3400

Trichromacy



Original Color

204.5110, -3.1170, -4.0850

Protanomaly

205.6150, 2.5220, -1.6540

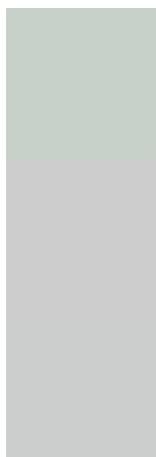
Deuteranomaly

206.1860, 8.3440, 2.9680

Tritanomaly

205.4170, -5.5480, 1.4280

Monochromacy



Original Color

204.5110, -3.1170, -4.0850

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8750, -1.1460, -1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5110, -3.1170, -4.0850 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(199, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 201)  
}
```

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(199, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 201) }
```

Border

The CSS property to change the border of an element to YIQ 204.5110, -3.1170, -4.0850 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(199, 208, 201) }
```


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

```
.border{ border-color:rgb(199, 208, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5110, -3.1170, -4.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 201) }
```

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

```
.background{ background-color: rgb(199,  
208, 201) }
```

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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