

Converting Colors

YIQ(204.5090, -8.8030, -0.1550)

Have a look what the booklet for
YIQ(204.5090, -8.8030, -0.1550)
contains.

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Color

**YIQ(204.5090, -8.8030,
-0.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CFD6
RGB	196, 207, 214
RGB Percent	77%, 81%, 84%
CMY	0.2314, 0.1882, 0.1608
CMYK	0.08, 0.03, 0.00, 0.16
HSL	203°, 18%, 80%
HSV	203°, 8%, 84%
XYZ	57.2137, 61.2174, 72.4121
YIQ	204.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

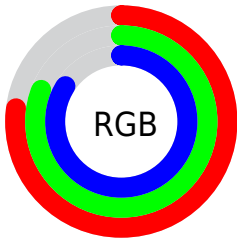
Format	Color
R_{YB}	196, 203, 214
Decimal	12898262
CIE _{Lab}	82.50, -2.38, -4.75
CIE _{LCh}	82, 5.315, 243.444
Yxy	61.2174, 0.2998, 0.3208
Android (android.graphics.Color)	4291088342 (0xFFC4CFD6)
YUV	204.5090, 4.6791, -7.4624
Hunter-Lab	78.2416, -6.3956, -0.1034

Details

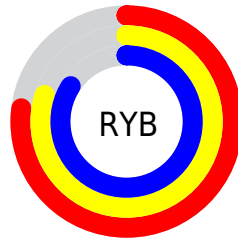
The YIQ color $204.5090, -8.8030, -0.1550$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.4910, 8.8030, 0.1550$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $150.3950, -8.4820, -0.4660$ is the 20% darker color. If you saturate the color by 10%, you get $193.5340, -19.1190, -0.4230$, and if you desaturate by 10%, it is $215.4840, 1.5130, 0.1130$.

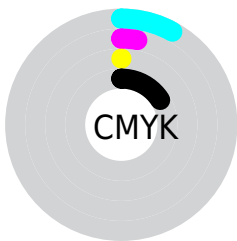
Distribution



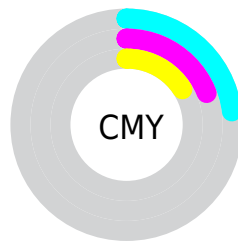
- Red (77%)
- Green (81%)
- Blue (84%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.5090, -8.8030, -0.1550 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 204.5090, -8.8030, -0.1550 by changing the saturation by 10% instead.

■ 204.5090, -8.8030,
-0.1550

■ 204.5090, -8.8030,
-0.1550

■ 255.0000, -0.0000,
-0.0000

■ 176.8080, -8.2070,
0.0570

■ 254.4020, -1.1920,
-0.4240

■ 150.3950, -8.4820,
-0.4660

■ 124.6940, -7.8860,
-0.2540

■ 99.6940, -7.8860,
-0.2540

■ 75.6940, -7.8860,
-0.2540

■ 52.9930, -7.2900,
-0.0420

■ 31.8790, -6.9690,

-0.3530

■ 8.5090, -8.8030,
-0.1550

■ 0.0000, 0.0000,
0.0000

■ 204.5090, -8.8030,
-0.1550

■ 204.5090, -8.8030,
-0.1550

■ 193.5340,
-19.1190, -0.4230

■ 215.4840, 1.5130,
0.1130

■ 181.6730,
-29.7560, -0.3800

■ 227.3450, 12.1500,
0.0700

■ 170.6980,
-40.0720, -0.6480

■ 236.8250, 19.4860,
-0.7220

■ 159.4240,
-50.9840, -1.1280

■ 241.5210, 17.2860,
-4.9060

■ 147.8620,
-61.0250, -0.8730

■ 246.8040, 14.8110,
-9.6130

■ 136.8870,
-71.3410, -1.1410

■ 250.3260, 13.1610,
-12.7510

■ 125.6130,
-82.2530, -1.6210

■ 114.6380,
-92.5690, -1.8890

■ 102.7770,
-103.2060, -1.8460

Harmonies

Analogous

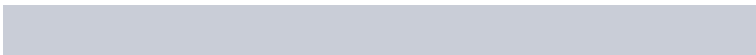
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.8570, -9.9030, -2.2470



204.5090, -8.8030, -0.1550



204.9440, -5.5940, 2.2620

Triad

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



204.5090, -8.8030, -0.1550



206.5280, 7.3810, 3.9010



204.6640, 0.8260, -3.9580

Complementary

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



204.5090, -8.8030, -0.1550



205.4910, 8.8030, 0.1550

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.



205.0560, 5.5940, -2.2620



204.5090, -8.8030, -0.1550



205.9580, 8.9860, 2.3460

Square

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



204.5090, -8.8030, -0.1550



206.7880, 3.7130, 4.2970



205.4910, 8.8030, 0.1550



204.2120, -3.7130, -4.2970

Rectangle

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



204.5090, -8.8030, -0.1550



205.4390, -2.6140, 3.3220



205.4910, 8.8030, 0.1550



204.5610, 2.6140, -3.3220

Sweetspot

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



204.5090, -8.8030, -0.1550



250.8470, -3.9430, -0.1270



207.3640, -7.1970, -7.2370



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



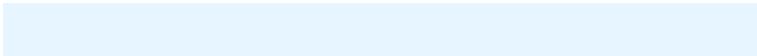
128.0000, -0.0000, -0.0000

Same Dimension

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



204.5090, -8.8030, -0.1550



241.6550, -12.1500, -0.0700



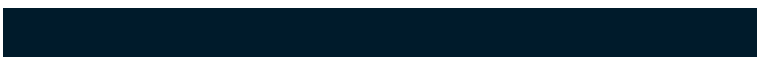
199.2260, -6.3280, 4.5520



101.3630, -5.4560, -0.2400



81.1290, -83.7660, -1.7340



20.7510, -21.2280, -0.7480

Inverse Universe

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



202.6360, 7.1970, 7.2370



239.1850, 10.0850, 9.9650



210.7740, 6.3280, -4.5520



100.0870, 4.3090, 4.5090



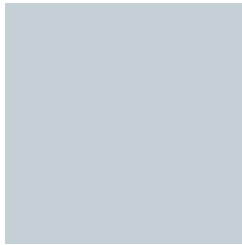
63.0990, 68.2110, 68.9070



15.9350, 16.9610, 17.5130

Previews

White Background



This preview shows how the YIQ color 204.5090, -8.8030, -0.1550 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 204.5090, -8.8030, -0.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

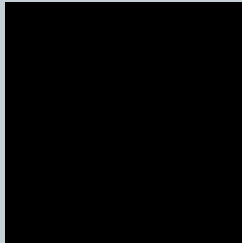
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

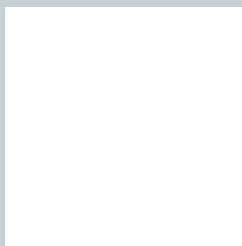
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.5090, -8.8030, -0.1550

Background



This preview shows how black text looks on a background with the YIQ color 204.5090, -8.8030, -0.1550.



This preview shows how white text looks on a background with the YIQ color 204.5090, -8.8030,

-0.1550.

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

204.5090, -8.8030, -0.1550

Protanopia

205.8090, -0.7800, 3.1240

Deuteranopia

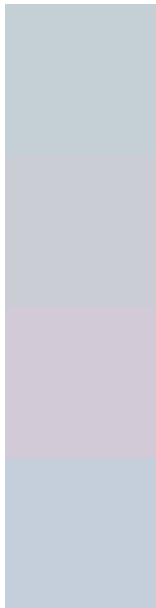
207.2170, 7.0590, 9.7390



Tritanopia

205.1330, -10.5000, 3.0680

Trichromacy



Original Color

204.5090, -8.8030, -0.1550

Protanomaly

205.3140, -3.7600, 2.0640

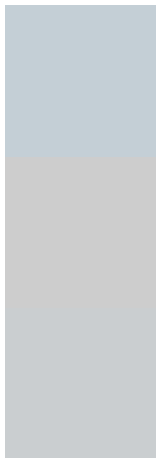
Deuteranomaly

206.1730, 1.1910, 5.9510

Tritanomaly

204.7910, -9.5370, 2.1350

Monochromacy



Original Color

204.5090, -8.8030, -0.1550

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.5090, -8.8030, -0.1550 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, 207, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 207, 214)  
}
```

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, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 207, 214) }
```

Border

The CSS property to change the border of an element to YIQ 204.5090, -8.8030, -0.1550 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, 207, 214) }
```


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

```
.border{ border-color:rgb(196, 207, 214) }
```

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

Here you see how a box with a 4 pixel rgb(196, 207, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 207,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 204.5090, -8.8030, -0.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 207, 214) }
```

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

```
.background{ background-color: rgb(196,  
207, 214) }
```

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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