

Converting Colors

YIQ(205.1420, -23.8870,
-2.1190)

Have a look what the booklet for
YIQ(205.1420, -23.8870, -2.1190)
contains.

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Color

**YIQ(205.1420, -23.8870,
-2.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D5E4
RGB	181, 213, 228
RGB Percent	71%, 84%, 89%
CMY	0.2903, 0.1646, 0.1060
CMYK	0.21, 0.07, 0.00, 0.11
HSL	199°, 47%, 80%
HSV	199°, 21%, 89%
XYZ	56.8495, 63.0169, 82.5462
YIQ	205.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

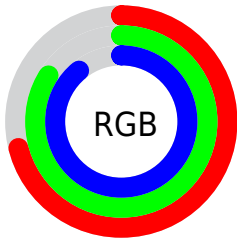
Format	Color
R _Y B	181, 200, 228
Decimal	11916772
CIE Lab	83.45, -7.39, -10.90
CIE LCh	83, 13.169, 235.844
Yxy	63.0169, 0.2809, 0.3113
Android (android.graphics.Color)	4290106852 (0xFFB5D5E4)
YUV	205.1420, 11.2690, -21.1725
Hunter-Lab	79.3832, -11.0895, -6.0842

Details

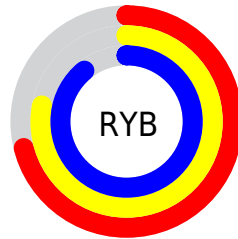
The YIQ color $205.1420, -23.8870, -2.1190$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $203.8580, 23.8870, 2.1190$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, -10.7280, -3.8160$, and $150.4410, -23.2910, -1.9070$ is the 20% darker color. If you saturate the color by 10%, you get $194.1560, -35.6700, -3.3340$, and if you desaturate by 10%, it is $216.1280, -12.1040, -0.9040$.

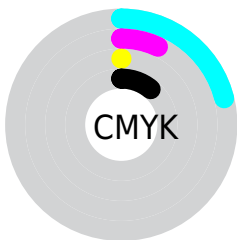
Distribution



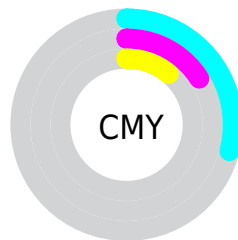
- Red (71%)
- Green (84%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (21%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.1420, -23.8870, -2.1190 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 205.1420, -23.8870, -2.1190 by changing the saturation by 10% instead.

■ 205.1420,
-23.8870, -2.1190

■ 205.1420,
-23.8870, -2.1190

■ 255.0000, -0.0000,
-0.0000

■ 177.4410,
-23.2910, -1.9070

■ 249.6180,
-10.7280, -3.8160

■ 150.4410,
-23.2910, -1.9070

■ 124.6260,
-22.3740, -2.0060

■ 99.5120, -22.0530,
-2.3170

■ 75.5120, -22.0530,
-2.3170

■ 52.0990, -22.3280,
-2.8400

■ 28.7890, -24.3910,

-3.9990

■ 13.7580, -13.9380,
-0.7060

■ 0.0000, 0.0000,
0.0000

■ 205.1420,
-23.8870, -2.1190

■ 205.1420,
-23.8870, -2.1190

■ 194.1560,
-35.6700, -3.3340

■ 216.1280,
-12.1040, -0.9040

■ 183.1700,
-47.4530, -4.5490

■ 227.7010, -0.5960,
-0.2120

■ 171.8960,
-58.3650, -5.0290

■ 238.3880, 10.5910,
0.7910

■ 160.9100,
-70.1480, -6.2440

■ 244.2910, 12.2420,
-1.5980

■ 149.9240,
-81.9310, -7.4590

■ 248.4000, 10.3170,
-5.2590

■ 138.3510,
-93.4390, -8.1510

■ 251.9220, 8.6670,
-8.3970

■ 127.3650,
-105.2220, -9.3660

■ 116.9770,
-115.8130, -10.1570

Harmonies

Analogous

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



203.9800, -23.6110, -7.1230



205.1420, -23.8870, -2.1190



207.4250, -17.1940, 3.2380

Triad

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



205.1420, -23.8870, -2.1190



210.7080, 15.8620, 9.8940



206.0680, 5.3200, -8.3120

Complementary

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



205.1420, -23.8870, -2.1190



203.8580, 23.8870, 2.1190

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.



207.5640, 15.7270, -4.1850



205.1420, -23.8870, -2.1190



210.2370, 21.5020, 6.7980

Square

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



205.1420, -23.8870, -2.1190



210.5590, 6.0960, 10.6720



209.3630, 20.9070, 1.0590



205.1420, -6.6920, -10.8840

Rectangle

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



205.1420, -23.8870, -2.1190



208.6540, -10.4090, 6.9270



209.3630, 20.9070, 1.0590



206.7480, 9.2170, -7.3510

Sweetspot

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



205.1420, -23.8870, -2.1190



247.5800, -7.5650, -0.5650



210.2990, -17.7400, -19.9160



123.5480, -4.5390, -0.3390



0.0000, 0.0000, 0.0000



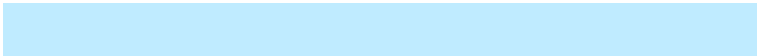
128.0000, -0.0000, -0.0000

Same Dimension

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



205.1420, -23.8870, -2.1190



224.1240, -32.6440, -3.1080



191.6410, -17.5620, 9.9100



109.0640, -6.0520, -0.4520



92.0200, -91.0090, -8.1370



26.3590, -25.9960, -2.4440

Inverse Universe

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



198.7010, 17.7400, 19.9160



215.1520, 24.0200, 27.2520



217.3590, 17.5620, -9.9100



107.5000, 4.5840, 5.0320



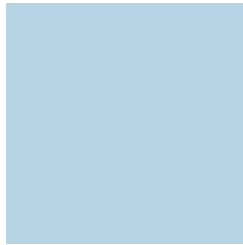
67.4290, 67.5220, 75.8900



19.2390, 19.1610, 21.6970

Previews

White Background



This preview shows how the YIQ color 205.1420, -23.8870, -2.1190 looks on a white background.

Color Contrast Check

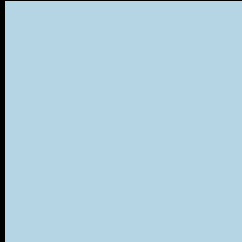
Large Text (above 18pt) WCAG AA × Fail

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 205.1420, -23.8870, -2.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

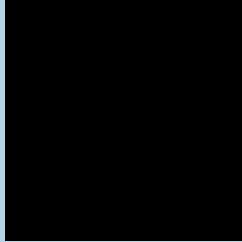
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.1420, -23.8870, -2.1190

Background



This preview shows how black text looks on a background with the YIQ color 205.1420, -23.8870, -2.1190.



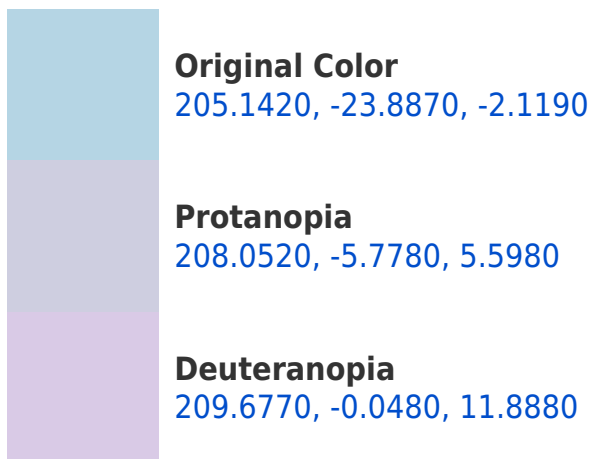
This preview shows how white text looks on a background with the YIQ color 205.1420, -23.8870,

-2.1190.

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

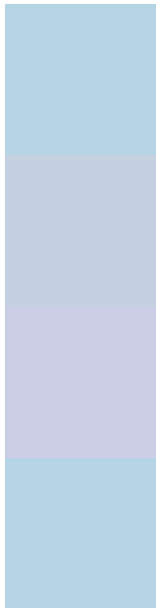




Tritanopia

205.3700, -24.5290, -1.4970

Trichromacy



Original Color

205.1420, -23.8870, -2.1190

Protanomaly

207.2360, -12.2880, 2.4320

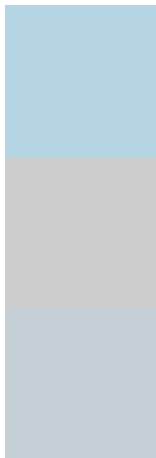
Deuteranomaly

208.0240, -8.5750, 6.7290

Tritanomaly

205.2560, -24.2080, -1.8080

Monochromacy



Original Color

205.1420, -23.8870, -2.1190

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.9820, -8.7570, -0.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.1420, -23.8870, -2.1190 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(181, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(181, 213, 228)  
}
```

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(181, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 213, 228) }
```

Border

The CSS property to change the border of an element to YIQ 205.1420, -23.8870, -2.1190 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(181, 213, 228) }
```


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

```
.border{ border-color:rgb(181, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(181, 213,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 205.1420, -23.8870, -2.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 213, 228) }
```

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

```
.background{ background-color: rgb(181,  
213, 228) }
```

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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