

Converting Colors

YIQ(204.3720, -18.8430,
-5.4270)

Have a look what the booklet for
YIQ(204.3720, -18.8430, -5.4270)
contains.

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Color

**YIQ(204.3720, -18.8430,
-5.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D5D8
RGB	183, 213, 216
RGB Percent	72%, 84%, 85%
CMY	0.2824, 0.1646, 0.1530
CMYK	0.15, 0.01, 0.00, 0.15
HSL	185°, 30%, 78%
HSV	185°, 15%, 85%
XYZ	55.7138, 62.6168, 74.1022
YIQ	204.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

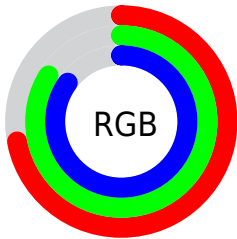
Format	Color
RYB	183, 199, 216
Decimal	12047832
CIELab	83.24, -9.31, -4.82
CIELCh	83, 10.482, 207.365
Yxy	62.6168, 0.2895, 0.3254
Android (android.graphics.Color)	4290237912 (0xFFB7D5D8)
YUV	204.3720, 5.7326, -18.7432
Hunter-Lab	79.1308, -12.8020, -0.1307

Details

The YIQ color $204.3720, -18.8430, -5.4270$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $194.6280, 18.8430, 5.4270$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.2160, -9.5360, -3.3920$, and $149.9700, -17.6510, -5.0030$ is the 20% darker color. If you saturate the color by 10%, you get $196.6200, -31.4050, -9.0450$, and if you desaturate by 10%, it is $212.1240, -6.2810, -1.8090$.

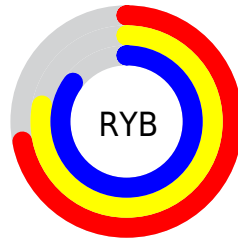
Distribution



Red (72%)

Green (84%)

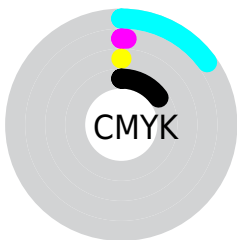
Blue (85%)



Red (72%)

Yellow (78%)

Blue (85%)

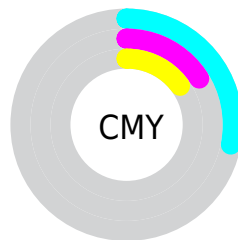


Cyan (15%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (28%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.3720, -18.8430, -5.4270 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 204.3720, -18.8430, -5.4270 by changing the saturation by 10% instead.

■ 204.3720,
-18.8430, -5.4270

■ 204.3720,
-18.8430, -5.4270

■ 255.0000, -0.0000,
-0.0000

■ 176.6710,
-18.2470, -5.2150

■ 250.2160, -9.5360,
-3.3920

■ 149.9700,
-17.6510, -5.0030

■ 123.9700,
-17.6510, -5.0030

■ 99.2690, -17.0550,
-4.7910

■ 75.1550, -16.7340,
-5.1020

■ 52.1550, -16.7340,
-5.1020

■ 29.8560, -17.3300,

-5.3140

■ 12.8460, -11.3700,
-3.1940

■ 0.0000, 0.0000,
0.0000

■ 204.3720,
-18.8430, -5.4270

■ 204.3720,
-18.8430, -5.4270

■ 196.6200,
-31.4050, -9.0450

■ 212.1240, -6.2810,
-1.8090

■ 189.1670,
-43.3710, -12.4510

■ 219.5770, 5.6850,
1.5970

■ 181.4150,
-55.9330, -16.0690

■ 227.3290, 18.2470,
5.2150

■ 173.9620,
-67.8990, -19.4750

■ 230.5960, 21.8690,
5.6530

■ 166.2100,
-80.4610, -23.0930

■ 231.7700, 21.3190,
4.6070

■ 158.4580,
-93.0230, -26.7110

■ 232.9440, 20.7690,
3.5610

■ 151.0050,
-104.9890, -30.1170

■ 234.1180, 20.2190,
2.5150

■ 143.2530,
-117.5510, -33.7350

■ 235.2920, 19.6690,
1.4690

■ 140.2630,
-123.5110, -35.8550

■ 235.8790, 19.3940,
0.9460

Harmonies

Analogous

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



204.1290, -13.8450, -7.9010



204.3720, -18.8430, -5.4270



205.3060, -18.4770, -1.0450

Triad

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



204.3720, -18.8430, -5.4270



209.2060, 5.5920, 8.7920



207.2370, 12.3340, -3.2660

Complementary

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



204.3720, -18.8430, -5.4270



194.6280, 18.8430, 5.4270

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.



208.2100, 16.9640, 0.9320



204.3720, -18.8430, -5.4270



209.6860, 12.9280, 8.0000

Square

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



204.3720, -18.8430, -5.4270



208.1770, -4.6320, 6.8560



209.1440, 17.3300, 5.3140



206.5240, 4.0360, -7.0680

Rectangle

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



204.3720, -18.8430, -5.4270



206.1540, -14.9930, 1.8950



209.1440, 17.3300, 5.3140



207.5470, 14.3970, -2.1070

Sweetspot

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



204.3720, -18.8430, -5.4270



250.5260, -7.4730, -2.2330



202.7130, -10.0380, -16.3260



125.0210, -4.4930, -1.1730



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.



204.3720, -18.8430, -5.4270



238.8980, -26.3160, -7.6600



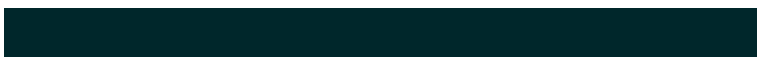
194.9800, -14.4430, 2.9410



103.1240, -6.2810, -1.8090



110.4790, -97.5160, -27.8840



27.7950, -24.5280, -7.0240

Inverse Universe

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



196.2870, 10.0380, 16.3260



227.5420, 13.9340, 22.8140



204.0200, 14.4430, -2.9410



100.4290, 3.3460, 5.4420



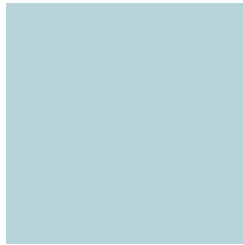
68.7990, 52.1610, 84.4570



17.3030, 13.1090, 21.2450

Previews

White Background



This preview shows how the YIQ color 204.3720, -18.8430, -5.4270 looks on a white background.

Color Contrast Check

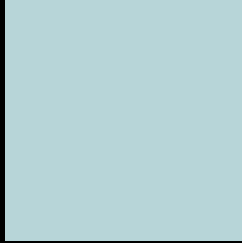
Large Text (above 18pt) WCAG AA × Fail

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 204.3720, -18.8430, -5.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

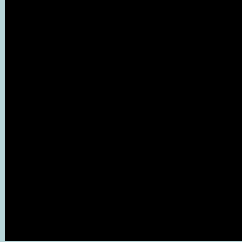
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.3720, -18.8430, -5.4270

Background



This preview shows how black text looks on a background with the YIQ color 204.3720, -18.8430, -5.4270.



This preview shows how white text looks on a background with the YIQ color 204.3720, -18.8430, -5.4270.

-5.4270.

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

204.3720, -18.8430, -5.4270

Protanopia

207.5810, -0.1380, 2.5020

Deuteranopia

209.2170, 7.0590, 9.7390



Tritanopia

205.1640, -20.9530, -0.2250

Trichromacy



Original Color

204.3720, -18.8430, -5.4270

Protanomaly

206.7650, -6.6480, -0.6640

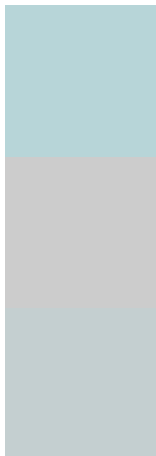
Deuteranomaly

207.2650, -2.0640, 4.3680

Tritanomaly

204.9960, -20.5400, -2.2040

Monochromacy



Original Color

204.3720, -18.8430, -5.4270

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.8250, -6.8770, -2.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3720, -18.8430, -5.4270 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(183, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(183, 213, 216)  
}
```

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(183, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 213, 216) }
```

Border

The CSS property to change the border of an element to YIQ 204.3720, -18.8430, -5.4270 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(183, 213, 216) }
```


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

```
.border{ border-color:rgb(183, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(183, 213,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3720, -18.8430, -5.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 213, 216) }
```

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

```
.background{ background-color: rgb(183,  
213, 216) }
```

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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