

Converting Colors

YIQ(204.9660, -11.8280,
-5.9080)

Have a look what the booklet for
YIQ(204.9660, -11.8280, -5.9080)
contains.

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Color

**YIQ(204.9660, -11.8280,
-5.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	BED4D0
RGB	190, 212, 208
RGB Percent	75%, 83%, 82%
CMY	0.2550, 0.1686, 0.1844
CMYK	0.10, 0.00, 0.02, 0.17
HSL	169°, 20%, 79%
HSV	169°, 10%, 83%
XYZ	56.1613, 62.5905, 68.7884
YIQ	204.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

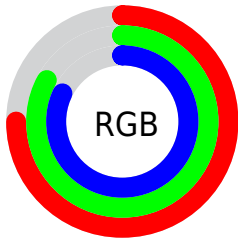
Format	Color
RYB	190, 202, 212
Decimal	12506320
CIELab	83.23, -8.13, -0.53
CIELCh	83, 8.149, 183.745
Yxy	62.5905, 0.2995, 0.3337
Android (android.graphics.Color)	4290696400 (0xFFBED4D0)
YUV	204.9660, 1.4958, -13.1252
Hunter-Lab	79.1141, -11.7367, 3.8282

Details

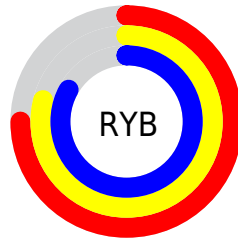
The YIQ color $204.9660, -11.8280, -5.9080$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.0340, 11.8280, 5.9080$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $150.3790, -11.5530, -5.3850$ is the 20% darker color. If you saturate the color by 10%, you get $198.2310, -23.0600, -11.6040$, and if you desaturate by 10%, it is $211.7010, -0.5960, -0.2120$.

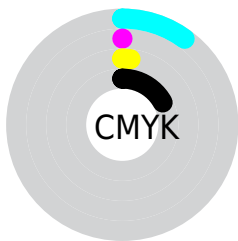
Distribution



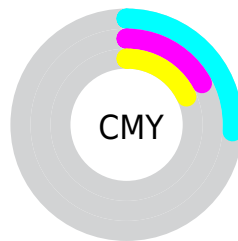
- Red (75%)
- Green (83%)
- Blue (82%)



- Red (75%)
- Yellow (79%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (26%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.9660, -11.8280, -5.9080 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 204.9660, -11.8280, -5.9080 by changing the saturation by 10% instead.

■ 204.9660,
-11.8280, -5.9080

■ 204.9660,
-11.8280, -5.9080

255.0000, -0.0000,
-0.0000

■ 177.2650,
-11.2320, -5.6960

■ 252.3090, -5.3640,
-1.9080

■ 150.3790,
-11.5530, -5.3850

■ 124.6780,
-10.9570, -5.1730

■ 99.6780, -10.9570,
-5.1730

■ 75.9770, -10.3610,
-4.9610

■ 53.2760, -9.7650,
-4.7490

■ 31.6890, -9.4900,

-4.2260

■ 11.4610, -8.8480,
-4.8480

■ 0.0000, 0.0000,
0.0000

■ 204.9660,
-11.8280, -5.9080

■ 204.9660,
-11.8280, -5.9080

■ 198.2310,
-23.0600, -11.6040

■ 211.7010, -0.5960,
-0.2120

■ 191.4960,
-34.2920, -17.3000

■ 218.4360, 10.6360,
5.4840

■ 184.4620,
-46.1200, -23.2080

■ 225.4700, 22.4640,
11.3920

■ 177.7270,
-57.3520, -28.9040

■ 226.1110, 22.0970,
12.5370

■ 171.1060,
-68.9050, -34.2890

■ 226.5670, 20.8130,
13.7810

■ 164.3710,
-80.1370, -39.9850

■ 227.0230, 19.5290,
15.0250

■ 157.6360,
-91.3690, -45.6810

■ 227.4790, 18.2450,
16.2690

■ 150.6020,
-103.1970, -51.5890

■ 227.9350, 16.9610,
17.5130

■ 144.1660,
-113.8330, -57.0730

■ 228.3910, 15.6770,
18.7570

Harmonies

Analogous

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



205.2610, -5.4090, -6.6010



204.9660, -11.8280, -5.9080



205.4650, -14.6710, -3.9430

Triad

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



204.9660, -11.8280, -5.9080



208.2050, -1.8350, 5.7250



208.2310, 12.4710, -0.2410

Complementary

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



204.9660, -11.8280, -5.9080



197.0340, 11.8280, 5.9080

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.



208.8230, 13.8000, 3.2080



204.9660, -11.8280, -5.9080



208.7390, 5.4090, 6.6010

Square

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



204.9660, -11.8280, -5.9080



207.5030, -8.6660, 2.8700



208.8490, 10.9110, 6.0070



207.0840, 8.3910, -3.3930

Rectangle

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



204.9660, -11.8280, -5.9080



205.9320, -14.4880, -1.7520



208.8490, 10.9110, 6.0070



208.3560, 13.6170, 1.0170

Sweetspot

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



204.9660, -11.8280, -5.9080



252.4940, -4.4470, -2.0070



204.1100, -3.6660, -10.6580



126.0920, -3.2550, -1.5830



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.



204.9660, -11.8280, -5.9080



245.0470, -16.5500, -8.4380



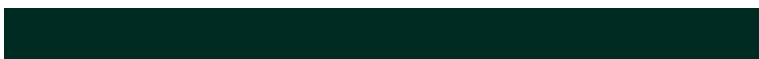
201.3130, -11.1870, -1.0030



103.4830, -5.9140, -2.9540



116.3370, -91.9650, -45.8930



29.2310, -23.0600, -11.6040

Inverse Universe

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



197.0340, 11.8280, 5.9080



233.9530, 16.5500, 8.4380



200.6870, 11.1870, 1.0030



99.5170, 5.9140, 2.9540



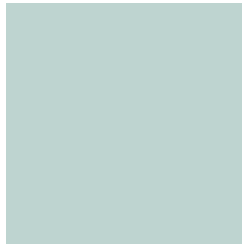
54.6630, 91.9650, 45.8930



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 204.9660, -11.8280, -5.9080 looks on a white background.

Color Contrast Check

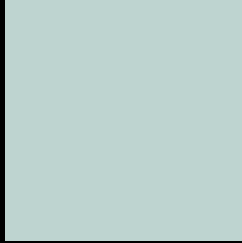
Large Text (above 18pt) WCAG AA × Fail

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 204.9660, -11.8280, -5.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

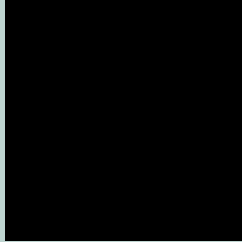
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

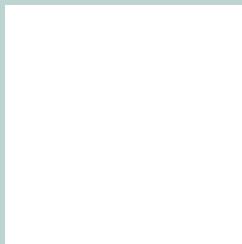
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.9660, -11.8280, -5.9080

Background



This preview shows how black text looks on a background with the YIQ color 204.9660, -11.8280, -5.9080.



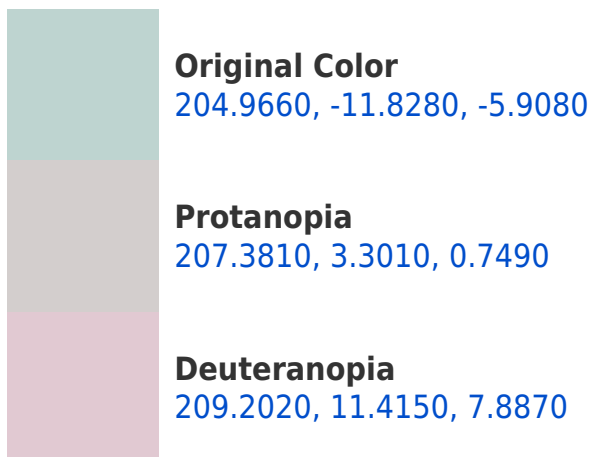
This preview shows how white text looks on a background with the YIQ color 204.9660, -11.8280, -5.9080.

-5.9080.

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

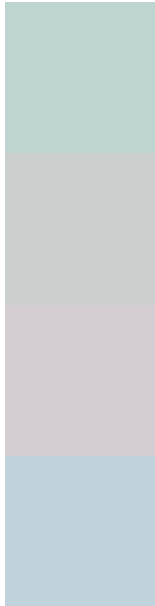




Tritanopia

206.1540, -14.9930, 1.8950

Trichromacy



Original Color

204.9660, -11.8280, -5.9080

Protanomaly

206.2770, -2.3380, -1.6820

Deuteranomaly

207.5490, 2.8880, 2.7280

Tritanomaly

205.6440, -13.6170, -1.0170

Monochromacy



Original Color

204.9660, -11.8280, -5.9080

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.3800, -4.1260, -2.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.9660, -11.8280, -5.9080 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(190, 212, 208)` looks like.

```
.text, #text, p{  
    color:rgb(190, 212, 208)  
}
```

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(190, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 212, 208) }
```

Border

The CSS property to change the border of an element to YIQ 204.9660, -11.8280, -5.9080 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(190, 212, 208) }
```


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

```
.border{ border-color:rgb(190, 212, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 212, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(190, 212,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 204.9660, -11.8280, -5.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 212, 208) }
```

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

```
.background{ background-color: rgb(190,  
212, 208) }
```

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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