

Converting Colors

YIQ(206.3210, -22.8330, 0.8070)

Have a look what the booklet for
YIQ(206.3210, -22.8330, 0.8070)
contains.

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Color

**YIQ(206.3210, -22.8330,
0.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D4E9
RGB	185, 212, 233
RGB Percent	73%, 83%, 91%
CMY	0.2746, 0.1686, 0.0864
CMYK	0.21, 0.09, 0.00, 0.09
HSL	206°, 52%, 82%
HSV	206°, 21%, 91%
XYZ	58.2549, 63.2870, 86.2156
YIQ	206.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

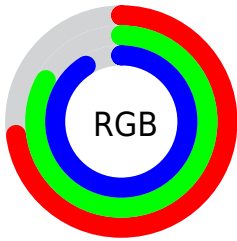
Format	Color
R _Y B	185, 202, 233
Decimal	12178665
CIE Lab	83.59, -4.56, -13.32
CIE LCh	84, 14.076, 251.088
Yxy	63.2870, 0.2804, 0.3046
Android (android.graphics.Color)	4290368745 (0xFFB9D4E9)
YUV	206.3210, 13.1527, -18.6985
Hunter-Lab	79.5531, -8.5066, -8.5683

Details

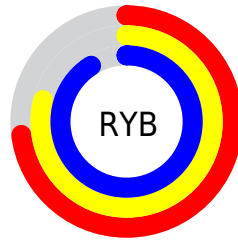
The YIQ color $206.3210, -22.8330, 0.8070$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $211.6790, 22.8330, -0.8070$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $151.5060, -21.9160, 0.7080$ is the 20% darker color. If you saturate the color by 10%, you get $193.5740, -33.7910, 1.1610$, and if you desaturate by 10%, it is $219.0680, -11.8750, 0.4530$.

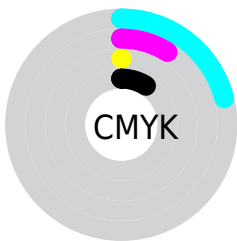
Distribution



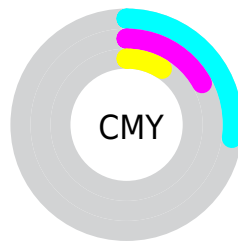
- Red (73%)
- Green (83%)
- Blue (91%)



- Red (73%)
- Yellow (79%)
- Blue (91%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3210, -22.8330, 0.8070 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 206.3210, -22.8330, 0.8070 by changing the saturation by 10% instead.

■ 206.3210,
-22.8330, 0.8070

■ 206.3210,
-22.8330, 0.8070

■ 255.0000, -0.0000,
-0.0000

■ 178.6200,
-22.2370, 1.0190

■ 251.1130, -7.7480,
-2.7560

■ 151.5060,
-21.9160, 0.7080

■ 125.5060,
-21.9160, 0.7080

■ 100.3920,
-21.5950, 0.3970

■ 76.2780, -21.2740,
0.0860

■ 53.1640, -20.9530,
-0.2250

■ 30.4410, -23.2910,

-1.9070

■ 13.6270, -14.9470,
1.0610

■ 0.6840, -1.9260,
1.8660

■ 206.3210,
-22.8330, 0.8070

■ 206.3210,
-22.8330, 0.8070

■ 193.5740,
-33.7910, 1.1610

■ 219.0680,
-11.8750, 0.4530

■ 180.5280,
-45.3450, 1.3030

■ 232.1140, -0.3210,
0.3110

■ 167.1940,
-56.0280, 2.1800

■ 245.4480, 10.3620,
-0.5660

■ 154.4470,
-66.9860, 2.5340

■ 251.3180, 7.6120,
-5.7960

■ 141.7000,
-77.9440, 2.8880

■ 252.4920, 7.0620,
-6.8420

■ 128.6540,
-89.4980, 3.0300

■ 115.9070,
-100.4560, 3.3840

■ 103.4590,
-110.8180, 3.9500

Harmonies

Analogous

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



204.4790, -26.4540, -5.1580



206.3210, -22.8330, 0.8070



208.5720, -13.1140, 6.3900

Triad

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



206.3210, -22.8330, 0.8070



210.9320, 21.0430, 9.6110



205.9640, -0.3190, -10.7430

Complementary

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



206.3210, -22.8330, 0.8070



211.6790, 22.8330, -0.8070

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.



207.4170, 11.6470, -7.3370



206.3210, -22.8330, 0.8070



210.0260, 23.4740, 4.0980

Square

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



206.3210, -22.8330, 0.8070



210.9080, 12.4230, 11.6470



209.1840, 19.8530, -1.8670



204.7930, -13.0190, -11.8590

Rectangle

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



206.3210, -22.8330, 0.8070



210.0570, -4.1740, 9.5700



209.1840, 19.8530, -1.8670



206.6440, 3.5780, -9.7820

Sweetspot

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



206.3210, -22.8330, 0.8070



246.4060, -7.0150, 0.4810



215.5700, -19.9410, -18.5730



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



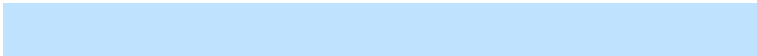
128.0000, -0.0000, -0.0000

Same Dimension

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



206.3210, -22.8330, 0.8070



219.4280, -30.4440, 1.0760



192.2330, -16.2330, 13.3590



110.7760, -5.1810, 0.2830



80.5080, -86.1510, 2.9450



23.7660, -25.5840, 1.1040

Inverse Universe

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



202.4300, 19.9410, 18.5730



214.2400, 26.5880, 24.7640



225.7670, 16.2330, -13.3590



109.9730, 4.6300, 4.1980



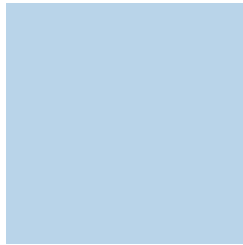
65.7470, 75.1340, 70.0940



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 206.3210, -22.8330, 0.8070 looks on a white background.

Color Contrast Check

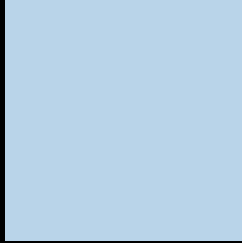
Large Text (above 18pt) WCAG AA × Fail

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 206.3210, -22.8330, 0.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

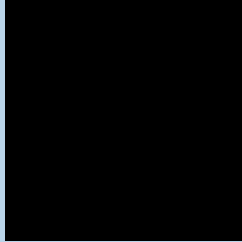
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

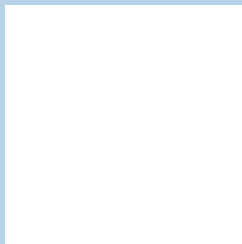
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.3210, -22.8330, 0.8070

Background



This preview shows how black text looks on a background with the YIQ color 206.3210, -22.8330, 0.8070.



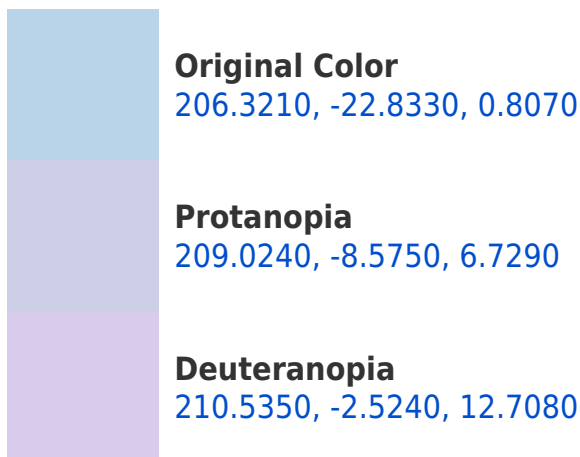
This preview shows how white text looks on a background with the YIQ color 206.3210, -22.8330,

0.8070.

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

206.2670, -22.7410, -0.8610

Trichromacy



Original Color

206.3210, -22.8330, 0.8070

Protanomaly

208.2190, -13.6180, 4.5100

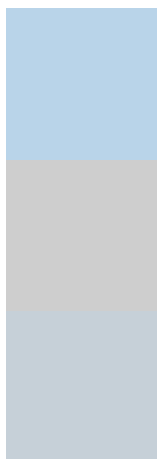
Deuteranomaly

208.8930, -9.5840, 8.4960

Tritanomaly

206.3810, -23.0620, -0.5500

Monochromacy



Original Color

206.3210, -22.8330, 0.8070

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9220, -8.5280, 0.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3210, -22.8330, 0.8070 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(185, 212, 233)` looks like.

```
.text, #text, p{  
    color:rgb(185, 212, 233)  
}
```

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(185, 212, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 212, 233) }
```

Border

The CSS property to change the border of an element to YIQ 206.3210, -22.8330, 0.8070 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(185, 212, 233) }
```


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

```
.border{ border-color:rgb(185, 212, 233) }
```

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

Here you see how a box with a 4 pixel rgb(185, 212, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 212, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 212, 233);  
box-shadow:4px 4px 4px 4px rgb(185, 212,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3210, -22.8330, 0.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 212, 233) }
```

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

```
.background{ background-color: rgb(185,  
212, 233) }
```

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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