

Converting Colors

YIQ(208.8970, -24.5750,
-0.6630)

Have a look what the booklet for
YIQ(208.8970, -24.5750, -0.6630)
contains.

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Color

**YIQ(208.8970, -24.5750,
-0.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D8EB
RGB	185, 216, 235
RGB Percent	73%, 85%, 92%
CMY	0.2746, 0.1529, 0.0785
CMYK	0.21, 0.08, 0.00, 0.08
HSL	203°, 56%, 82%
HSV	203°, 21%, 92%
XYZ	59.5543, 65.4273, 88.0655
YIQ	208.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

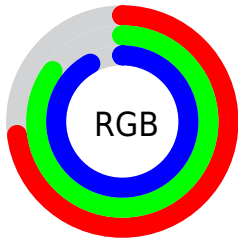
Format	Color
RYB	185, 204, 235
Decimal	12179691
CIELab	84.70, -6.21, -12.72
CIELCh	85, 14.153, 243.959
Yxy	65.4273, 0.2795, 0.3071
Android (android.graphics.Color)	4290369771 (0xFFB9D8EB)
YUV	208.8970, 12.8688, -20.9577
Hunter-Lab	80.8871, -10.1294, -7.9307

Details

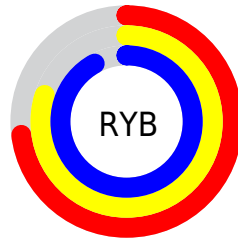
The YIQ color $208.8970, -24.5750, -0.6630$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $211.1030, 24.5750, 0.6630$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, -7.7480, -2.7560$, and $154.0820, -23.6580, -0.7620$ is the 20% darker color. If you saturate the color by 10%, you get $196.4380, -36.4040, -1.0440$, and if you desaturate by 10%, it is $221.0570, -13.3420, -0.4940$.

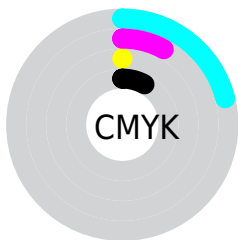
Distribution



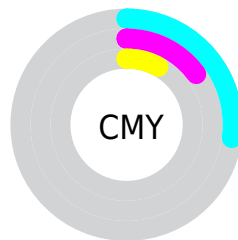
- Red (73%)
- Green (85%)
- Blue (92%)



- Red (73%)
- Yellow (80%)
- Blue (92%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.8970, -24.5750, -0.6630 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 208.8970, -24.5750, -0.6630 by changing the saturation by 10% instead.

■ 208.8970,
-24.5750, -0.6630

■ 208.8970,
-24.5750, -0.6630

■ 255.0000, -0.0000,
-0.0000

■ 181.1960,
-23.9790, -0.4510

■ 251.1130, -7.7480,
-2.7560

■ 154.0820,
-23.6580, -0.7620

■ 127.9680,
-23.3370, -1.0730

■ 102.9680,
-23.3370, -1.0730

■ 78.1530, -22.4200,
-1.1720

■ 54.7400, -22.6950,
-1.6950

■ 31.5440, -25.0790,

-2.5430

■ 15.5020, -16.0930,
-0.1970

■ 1.0260, -2.8890,
2.7990

■ 208.8970,
-24.5750, -0.6630

■ 208.8970,
-24.5750, -0.6630

■ 196.4380,
-36.4040, -1.0440

■ 221.0570,
-13.3420, -0.4940

■ 184.2780,
-47.6370, -1.2130

■ 233.5160, -1.5130,
-0.1130

■ 171.8190,
-59.4660, -1.5940

■ 245.6760, 9.7200,
0.0560

■ 159.6590,
-70.6990, -1.7630

■ 250.9590, 7.2450,
-4.6510

■ 147.4990,
-81.9320, -1.9320

■ 252.7200, 6.4200,
-6.2200

■ 135.6270,
-94.0360, -2.8360

■ 123.4670,
-105.2690, -3.0050

■ 112.4920,
-115.5850, -3.2730

Harmonies

Analogous

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



207.5390, -26.6830, -6.5150



208.8970, -24.5750, -0.6630



211.0770, -16.0940, 5.3300

Triad

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



208.8970, -24.5750, -0.6630



213.9750, 19.4840, 10.3320



209.0460, 2.3860, -10.2060

Complementary

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



208.8970, -24.5750, -0.6630



211.1030, 24.5750, 0.6630

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.



211.0260, 14.3060, -5.9660



208.8970, -24.5750, -0.6630



213.3790, 23.9780, 5.9780

Square

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



208.8970, -24.5750, -0.6630



214.2390, 9.9930, 11.6330



212.6080, 21.5950, -0.3970



207.7610, -9.9930, -11.6330

Rectangle

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



208.8970, -24.5750, -0.6630



212.6760, -7.4750, 8.8210



212.6080, 21.5950, -0.3970



210.0250, 6.8790, -9.0330

Sweetspot

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



208.8970, -24.5750, -0.6630



246.9930, -7.2900, -0.0420



216.4020, -19.5280, -20.5520



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



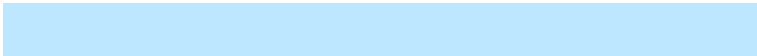
128.0000, -0.0000, -0.0000

Same Dimension

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



208.8970, -24.5750, -0.6630



220.5910, -32.4610, -0.9170



194.8090, -17.9750, 11.8890



111.3630, -5.4560, -0.2400



86.3780, -88.9010, -2.2850



25.5270, -26.4090, -0.4650

Inverse Universe

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



203.4840, 19.8490, 20.2410



213.4080, 26.1750, 26.7430



225.1910, 17.9750, -11.8890



110.0870, 4.3090, 4.5090



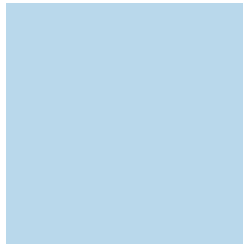
66.8870, 71.9240, 73.2040



19.9080, 21.5910, 21.7110

Previews

White Background



This preview shows how the YIQ color 208.8970, -24.5750, -0.6630 looks on a white background.

Color Contrast Check

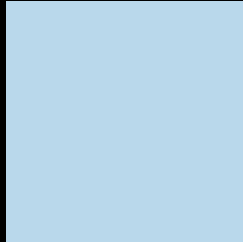
Large Text (above 18pt) WCAG AA × Fail

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 208.8970, -24.5750, -0.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

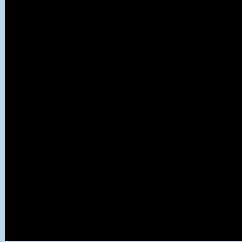
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

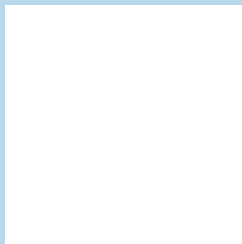
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 208.8970, -24.5750, -0.6630

Background



This preview shows how black text looks on a background with the YIQ color 208.8970, -24.5750, -0.6630.



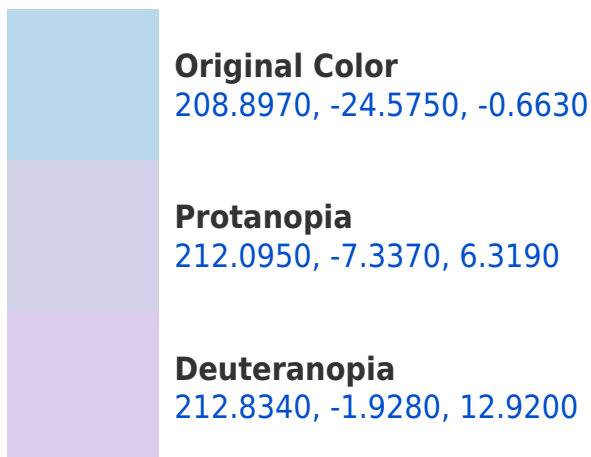
This preview shows how white text looks on a background with the YIQ color 208.8970, -24.5750, -0.6630.

-0.6630.

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

208.6690, -23.9330, -1.2850

Trichromacy



Original Color

208.8970, -24.5750, -0.6630

Protanomaly

210.6920, -13.5720, 3.6760

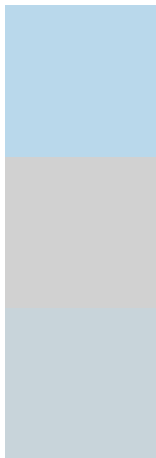
Deuteranomaly

211.4800, -9.8590, 7.9730

Tritanomaly

208.7830, -24.2540, -0.9740

Monochromacy



Original Color

208.8970, -24.5750, -0.6630

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.0960, -9.0780, -0.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.8970, -24.5750, -0.6630 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, 216, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 216, 235)  
}
```

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, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 216, 235) }
```

Border

The CSS property to change the border of an element to YIQ 208.8970, -24.5750, -0.6630 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, 216, 235) }
```


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

```
.border{ border-color:rgb(185, 216, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 216, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(185, 216,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 208.8970, -24.5750, -0.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 216, 235) }
```

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

```
.background{ background-color: rgb(185,  
216, 235) }
```

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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