

Converting Colors

YIQ(209.8740, -25.7680, 4.4400)

Have a look what the booklet for
YIQ(209.8740, -25.7680, 4.4400)
contains.

YIQ(209.8740, -25.7680, 4.4400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(209.8740, -25.7680,
4.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD6F6
RGB	188, 214, 246
RGB Percent	74%, 84%, 96%
CMY	0.2628, 0.1607, 0.0354
CMYK	0.24, 0.13, 0.00, 0.04
HSL	213°, 76%, 85%
HSV	213°, 24%, 96%
XYZ	61.4153, 65.4406, 96.5571
YIQ	209.8740, -25.7680, 4.4400

Conversions

Conversions Part 2

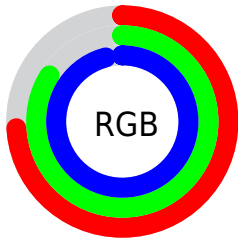
Format	Color
RYB	188, 206, 246
Decimal	12375798
CIELab	84.71, -1.83, -18.51
CIELCh	85, 18.601, 264.349
Yxy	65.4406, 0.2749, 0.2929
Android (android.graphics.Color)	4290565878 (0xFFBCD6F6)
YUV	209.8740, 17.8101, -19.1835
Hunter-Lab	80.8953, -6.0505, -14.1421

Details

The YIQ color $209.8740, -25.7680, 4.4400$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $224.1260, 25.7680, -4.4400$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, -5.9600, -2.1200$, and $155.0590, -24.8510, 4.3410$ is the 20% darker color. If you saturate the color by 10%, you get $194.1810, -36.8180, 6.4620$, and if you desaturate by 10%, it is $225.5670, -14.7180, 2.4180$.

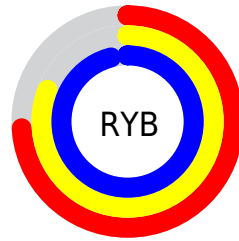
Distribution



Red (74%)

Green (84%)

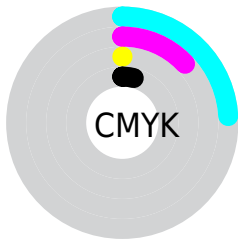
Blue (96%)



Red (74%)

Yellow (81%)

Blue (96%)

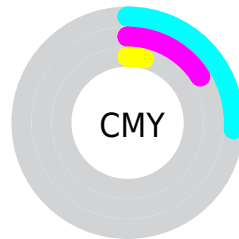


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (26%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.8740, -25.7680, 4.4400 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 209.8740, -25.7680, 4.4400 by changing the saturation by 10% instead.

■ 209.8740,
-25.7680, 4.4400

■ 209.8740,
-25.7680, 4.4400

■ 255.0000, -0.0000,
-0.0000

■ 182.0590,
-24.8510, 4.3410

■ 252.0100, -5.9600,
-2.1200

■ 155.0590,
-24.8510, 4.3410

■ 128.9450,
-24.5300, 4.0300

■ 103.4180,
-24.4840, 3.1960

■ 79.3040, -24.1630,
2.8850

■ 55.4780, -24.7130,
1.8390

■ 31.5700, -27.9680,

0.2560

■ 15.8270, -18.3860,
2.8140

■ 2.8670, -6.6950,
5.6970

■ 209.8740,
-25.7680, 4.4400

■ 209.8740,
-25.7680, 4.4400

■ 194.1810,
-36.8180, 6.4620

■ 225.5670,
-14.7180, 2.4180

■ 179.3740,
-47.5470, 8.1730

■ 240.3740, -3.9890,
0.7070

■ 163.6810,
-58.5970, 10.1950

■ 253.9740, 2.8890,
-2.7990

■ 148.8740,
-69.3260, 11.9060

■ 133.1810,
-80.3760, 13.9280

■ 118.0750,
-91.7010, 15.4270

■ 102.6810,
-102.1550, 17.6610

■ 92.6140,
-109.2160, 18.9760

Harmonies

Analogous

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



206.9280, -35.0280, -3.9560



209.8740, -25.7680, 4.4400



212.8870, -9.4470, 11.5210

Triad

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



209.8740, -25.7680, 4.4400



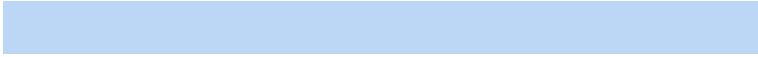
214.4230, 29.8460, 9.7660



207.1370, -8.2960, -14.8560

Complementary

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



209.8740, -25.7680, 4.4400



224.1260, 25.7680, -4.4400

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.



209.4010, 8.5760, -12.2560



209.8740, -25.7680, 4.4400



213.3810, 29.6640, 2.0480

Square

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



209.8740, -25.7680, 4.4400



215.1650, 22.0050, 14.2050



211.3320, 22.1920, -5.7120



205.6390, -24.3890, -15.0530

Rectangle

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



209.8740, -25.7680, 4.4400



214.0410, 1.9230, 14.7150



211.3320, 22.1920, -5.7120



207.7740, -2.8400, -14.6160

Sweetspot

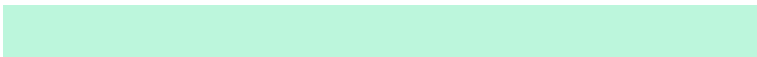
The Sweet Spot groups the original color and five complimentary colors.



209.8740, -25.7680, 4.4400



243.7480, -7.9780, 1.4140



225.6940, -26.2220, -20.3820



121.1890, -4.9060, 0.8060



0.0000, 0.0000, 0.0000



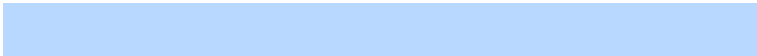
128.0000, -0.0000, -0.0000

Same Dimension

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



209.8740, -25.7680, 4.4400



210.8780, -31.5910, 5.3450



195.5090, -16.8300, 18.6740



114.8900, -5.5020, 0.5940



70.5120, -82.8060, 13.9140



21.9880, -26.0890, 4.7510

Inverse Universe

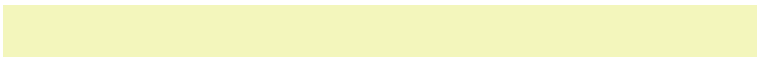
The Inverse Universe completely reimagines the original color for something new.



208.3060, 26.2220, 20.3820



208.8770, 32.0440, 25.0040



238.4910, 16.8300, -18.6740



114.2720, 5.2260, 4.4100



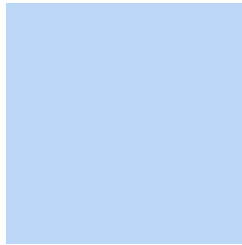
65.1900, 83.8920, 65.5560



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 209.8740, -25.7680, 4.4400 looks on a white background.

Color Contrast Check

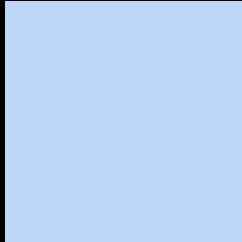
Large Text (above 18pt) WCAG AA × Fail

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 209.8740, -25.7680, 4.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

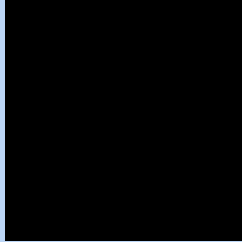
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

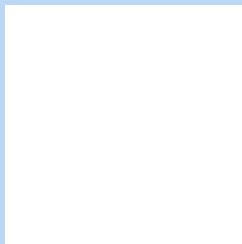
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.8740, -25.7680, 4.4400

Background



This preview shows how black text looks on a background with the YIQ color 209.8740, -25.7680, 4.4400.



This preview shows how white text looks on a background with the YIQ color 209.8740, -25.7680,

4.4400.

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

209.8740, -25.7680, 4.4400

Protanopia

211.6800, -13.2980, 9.7260

Deuteranopia

213.1800, -8.7140, 14.7580



Tritanopia

208.6690, -23.9330, -1.2850

Trichromacy



Original Color

209.8740, -25.7680, 4.4400

Protanomaly

211.1740, -17.7450, 7.7190

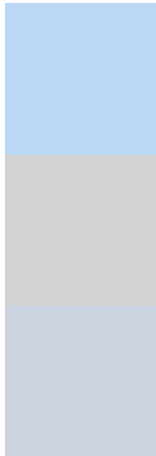
Deuteranomaly

212.1360, -14.5820, 10.9700

Tritanomaly

208.9510, -24.6670, 1.0050

Monochromacy



Original Color

209.8740, -25.7680, 4.4400

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.6770, -9.2160, 1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.8740, -25.7680, 4.4400 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(188, 214, 246)` looks like.

```
.text, #text, p{  
    color:rgb(188, 214, 246)  
}
```

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(188, 214, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 214, 246) }
```

Border

The CSS property to change the border of an element to YIQ 209.8740, -25.7680, 4.4400 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(188, 214, 246) }
```


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

```
.border{ border-color:rgb(188, 214, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 214, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 214, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 214, 246);  
box-shadow:4px 4px 4px 4px rgb(188, 214,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 209.8740, -25.7680, 4.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 214, 246) }
```

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

```
.background{ background-color: rgb(188,  
214, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor