

Converting Colors

YIQ(209.9280, -25.8600, 6.1080)

Have a look what the booklet for
YIQ(209.9280, -25.8600, 6.1080)
contains.

YIQ(209.9280, -25.8600, 6.1080)	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(209.9280, -25.8600,
6.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD5F9
RGB	189, 213, 249
RGB Percent	74%, 84%, 98%
CMY	0.2588, 0.1646, 0.0237
CMYK	0.24, 0.14, 0.00, 0.02
HSL	216°, 83%, 86%
HSV	216°, 24%, 98%
XYZ	61.8746, 65.2488, 98.9285
YIQ	209.9280, -25.8600, 6.1080

Conversions

Conversions Part 2

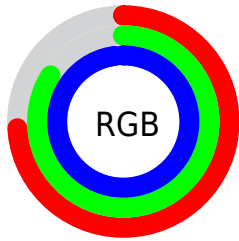
Format	Color
R _Y B	189, 206, 249
Decimal	12441081
CIE Lab	84.61, -0.33, -20.24
CIE LCh	85, 20.243, 269.060
Yxy	65.2488, 0.2737, 0.2886
Android (android.graphics.Color)	4290631161 (0xFFBDD5F9)
YUV	209.9280, 19.2625, -18.3539
Hunter-Lab	80.7767, -4.6291, -16.0696

Details

The YIQ color $209.9280, -25.8600, 6.1080$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $228.0720, 25.8600, -6.1080$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $155.1130, -24.9430, 6.0090$ is the 20% darker color. If you saturate the color by 10%, you get $193.6480, -36.6350, 8.6530$, and if you desaturate by 10%, it is $226.2080, -15.0850, 3.5630$.

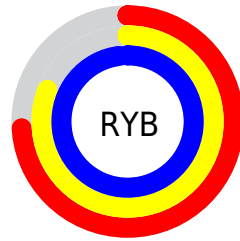
Distribution



Red (74%)

Green (84%)

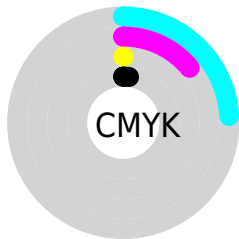
Blue (98%)



Red (74%)

Yellow (81%)

Blue (98%)

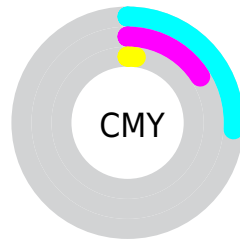


Cyan (24%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.9280, -25.8600, 6.1080 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 209.9280, -25.8600, 6.1080 by changing the saturation by 10% instead.

■ 209.9280,
-25.8600, 6.1080

■ 209.9280,
-25.8600, 6.1080

■ 255.0000, -0.0000,
-0.0000

■ 181.8140,
-25.5390, 5.7970

■ 252.3090, -5.3640,
-1.9080

■ 154.9990,
-24.6220, 5.6980

■ 128.8850,
-24.3010, 5.3870

■ 103.4720,
-24.5760, 4.8640

■ 78.9450, -24.5300,
4.0300

■ 55.2330, -25.4010,
3.2950

■ 31.7980, -28.6100,

0.8780

■ 15.4680, -18.7530,
3.9590

■ 3.0950, -7.3370,
6.3190

■ 209.9280,
-25.8600, 6.1080

■ 209.9280,
-25.8600, 6.1080

■ 193.6480,
-36.6350, 8.6530

■ 226.2080,
-15.0850, 3.5630

■ 177.3680,
-47.4100, 11.1980

■ 242.4880, -4.3100,
1.0180

■ 161.0880,
-58.1850, 13.7430

■ 254.3160, 1.9260,
-1.8660

■ 144.8080,
-68.9600, 16.2880

■ 128.8270,
-79.1390, 19.0450

■ 112.5470,
-89.9140, 21.5900

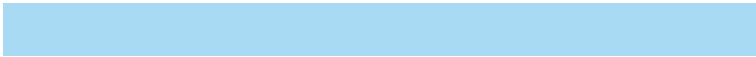
■ 96.8540,
-100.9640, 23.6120

■ 87.0860,
-107.4290, 25.1390

Harmonies

Analogous

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



205.9000, -37.8250, -2.8250



209.9280, -25.8600, 6.1080



213.3110, -7.7050, 12.9910

Triad

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



209.9280, -25.8600, 6.1080



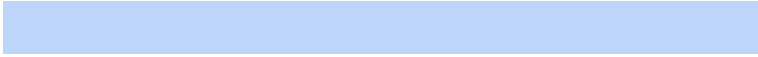
213.8640, 32.9180, 9.1580



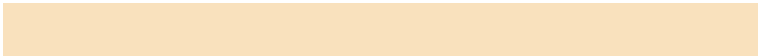
205.9300, -12.1470, -16.6510

Complementary

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



209.9280, -25.8600, 6.1080



228.0720, 25.8600, -6.1080

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.



208.6780, 6.2380, -13.9380



209.9280, -25.8600, 6.1080



212.2240, 31.5440, 1.0160

Square

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



209.9280, -25.8600, 6.1080



214.8450, 25.9020, 15.1660



210.8650, 22.0090, -7.9030



204.1870, -28.9280, -15.3920

Rectangle

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



209.9280, -25.8600, 6.1080



214.5360, 4.9030, 15.7750



210.8650, 22.0090, -7.9030



206.8660, -6.0950, -16.1990

Sweetspot

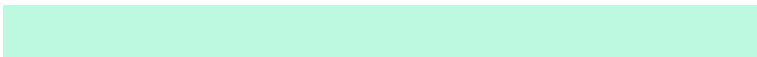
The Sweet Spot groups the original color and five complimentary colors.



209.9280, -25.8600, 6.1080



243.1610, -7.7030, 1.9370



228.2100, -27.7350, -20.4950



120.6020, -4.6310, 1.3290



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.



209.9280, -25.8600, 6.1080



207.0460, -32.0040, 7.3240



197.3350, -16.2800, 19.7200



116.4170, -5.5480, 1.4280



66.1580, -81.5690, 19.0310



21.6290, -26.4560, 5.8960

Inverse Universe

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



209.6760, 28.0560, 20.1840



206.5460, 34.4740, 25.0180



240.6650, 16.2800, -19.7200



116.4570, 6.1430, 4.3110



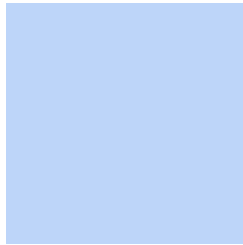
65.1750, 88.2480, 63.7040



21.0890, 28.3310, 20.7070

Previews

White Background



This preview shows how the YIQ color 209.9280, -25.8600, 6.1080 looks on a white background.

Color Contrast Check

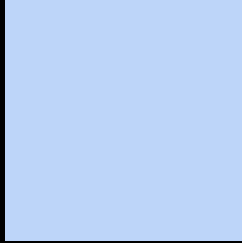
Large Text (above 18pt) WCAG AA × Fail

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 209.9280, -25.8600, 6.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

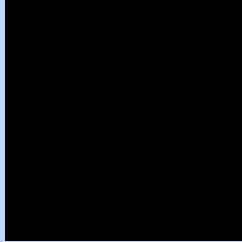
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

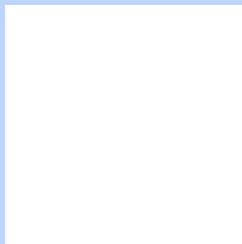
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.9280, -25.8600, 6.1080

Background



This preview shows how black text looks on a background with the YIQ color 209.9280, -25.8600, 6.1080.



This preview shows how white text looks on a background with the YIQ color 209.9280, -25.8600,

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

209.9280, -25.8600, 6.1080

Protanopia

211.7230, -14.8570, 10.4470

Deuteranopia

212.8100, -10.5480, 14.9560



Tritanopia

208.9680, -23.3370, -1.0730

Trichromacy



Original Color

209.9280, -25.8600, 6.1080

Protanomaly

210.9290, -18.4330, 9.1750

Deuteranomaly

212.1790, -16.1410, 11.6910

Tritanomaly

209.3640, -24.3920, 1.5280

Monochromacy



Original Color

209.9280, -25.8600, 6.1080

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7910, -9.5370, 2.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.9280, -25.8600, 6.1080 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(189, 213, 249)` looks like.

```
.text, #text, p{  
    color:rgb(189, 213, 249)  
}
```

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(189, 213, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 213, 249) }
```

Border

The CSS property to change the border of an element to YIQ 209.9280, -25.8600, 6.1080 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(189, 213, 249) }
```


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

```
.border{ border-color:rgb(189, 213, 249) }
```

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

Here you see how a box with a 4 pixel rgb(189, 213, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 213, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 213, 249);  
box-shadow:4px 4px 4px 4px rgb(189, 213,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 209.9280, -25.8600, 6.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 213, 249) }
```

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

```
.background{ background-color: rgb(189,  
213, 249) }
```

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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