

Converting Colors

YIQ(208.2280, -17.8370, 9.3870)

Have a look what the booklet for
YIQ(208.2280, -17.8370, 9.3870)
contains.

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Color

**YIQ(208.2280, -17.8370,
9.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CFF4
RGB	197, 207, 244
RGB Percent	77%, 81%, 96%
CMY	0.2274, 0.1882, 0.0432
CMYK	0.19, 0.15, 0.00, 0.04
HSL	227°, 68%, 86%
HSV	227°, 19%, 96%
XYZ	61.6651, 63.0281, 94.4833
YIQ	208.2280, -17.8370, 9.3870

Conversions

Conversions Part 2

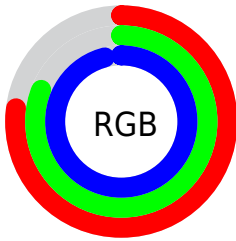
Format	Color
R _Y B	197, 205, 244
Decimal	12963828
CIE Lab	83.46, 4.15, -19.29
CIE LCh	83, 19.728, 282.158
Yxy	63.0281, 0.2813, 0.2876
Android (android.graphics.Color)	4291153908 (0xFFC5CFF4)
YUV	208.2280, 17.6356, -9.8470
Hunter-Lab	79.3903, -0.2861, -14.9886

Details

The YIQ color $208.2280, -17.8370, 9.3870$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $232.7720, 17.8370, -9.3870$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $154.0000, -17.1950, 8.7650$ is the 20% darker color. If you saturate the color by 10%, you get $189.8990, -26.9160, 14.2360$, and if you desaturate by 10%, it is $226.5570, -8.7580, 4.5380$.

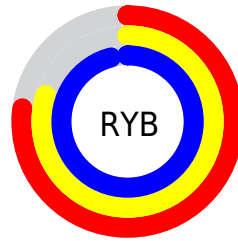
Distribution



Red (77%)

Green (81%)

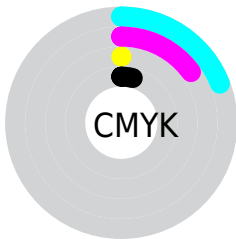
Blue (96%)



Red (77%)

Yellow (80%)

Blue (96%)

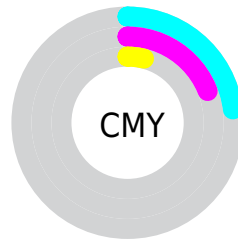


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.2280, -17.8370, 9.3870 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 208.2280, -17.8370, 9.3870 by changing the saturation by 10% instead.

■ 208.2280,
-17.8370, 9.3870

■ 208.2280,
-17.8370, 9.3870

255.0000, -0.0000,
-0.0000

■ 180.8150,
-18.1120, 8.8640

254.7010, -0.5960,
-0.2120

■ 154.0000,
-17.1950, 8.7650

■ 127.8860,
-16.8740, 8.4540

■ 102.3590,
-16.8280, 7.6200

■ 78.2450, -16.5070,
7.3090

■ 54.8320, -16.7820,
6.7860

■ 32.8920, -17.0110,

5.4290

■ 10.9030, -15.5440,
6.3760

■ 2.6390, -6.0530,
5.0750

■ 208.2280,
-17.8370, 9.3870

■ 208.2280,
-17.8370, 9.3870

■ 189.8990,
-26.9160, 14.2360

■ 226.5570, -8.7580,
4.5380

■ 171.2710,
-36.5910, 18.8730

■ 245.1850, 0.9170,
-0.0990

■ 152.3550,
-45.3950, 24.2450

■ 253.7460, 3.5310,
-3.4210

■ 133.7270,
-55.0700, 28.8820

■ 115.3980,
-64.1490, 33.7310

■ 97.0690, -73.2280,
38.5800

■ 78.4410, -82.9030,
43.2170

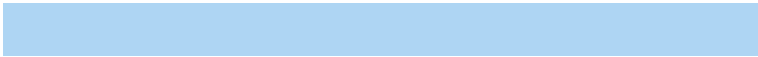
■ 59.5250, -91.7070,
48.5890

■ 58.3400, -92.6240,
48.6880

Harmonies

Analogous

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



204.7590, -32.8740, 1.0620



208.2280, -17.8370, 9.3870



210.9700, 0.6850, 15.1250

Triad

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



208.2280, -17.8370, 9.3870



210.4570, 32.5060, 5.6100



202.3360, -19.1620, -16.1700

Complementary

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



208.2280, -17.8370, 9.3870



232.7720, 17.8370, -9.3870

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.



203.8450, -1.6020, -15.0260



208.2280, -17.8370, 9.3870



208.5500, 27.5100, -2.9700

Square

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



208.2280, -17.8370, 9.3870



211.2320, 29.0660, 12.8900



206.5760, 15.4530, -10.2350



201.2020, -33.2840, -13.5400

Rectangle

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



208.2280, -17.8370, 9.3870



211.3690, 12.7430, 16.8630



206.5760, 15.4530, -10.2350



202.8590, -13.3850, -16.2410

Sweetspot

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



208.2280, -17.8370, 9.3870



243.4710, -5.6400, 3.0960



228.8070, -24.8020, -13.0740



120.6130, -3.1640, 2.2760



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.



208.2280, -17.8370, 9.3870



210.3570, -22.5140, 11.5500



206.2450, -7.3390, 17.3730



113.1290, -4.6770, 2.1630



44.6840, -70.7060, 36.9260



13.7700, -22.2390, 12.0730

Inverse Universe

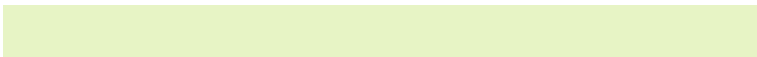
The Inverse Universe completely reimagines the original color for something new.



212.1930, 24.8020, 13.0740



215.1230, 30.9910, 16.5510



234.7550, 7.3390, -17.3730



113.9300, 6.1890, 3.4770



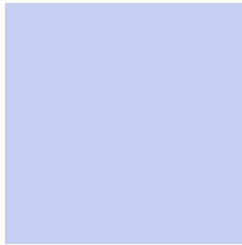
60.1740, 98.0160, 51.8720



19.0090, 31.3120, 16.2400

Previews

White Background



This preview shows how the YIQ color 208.2280, -17.8370, 9.3870 looks on a white background.

Color Contrast Check

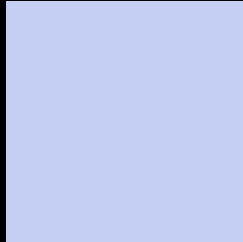
Large Text (above 18pt) WCAG AA × Fail

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 208.2280, -17.8370, 9.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

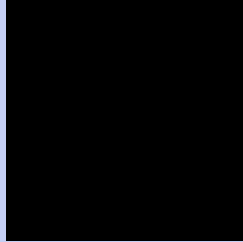
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.2280, -17.8370, 9.3870

Background



This preview shows how black text looks on a background with the YIQ color 208.2280, -17.8370, 9.3870.

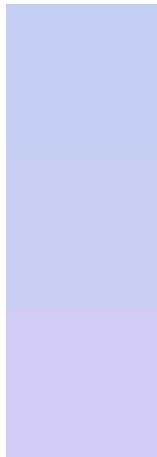


This preview shows how white text looks on a background with the YIQ color 208.2280, -17.8370, 9.3870.

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

208.2280, -17.8370, 9.3870

Protanopia

208.7230, -14.8570, 10.4470

Deuteranopia

209.8810, -9.3100, 14.5460



Tritanopia

207.1540, -14.9930, 1.8950

Trichromacy



Original Color

208.2280, -17.8370, 9.3870

Protanomaly

208.4240, -15.4530, 10.2350

Deuteranomaly

208.9730, -12.5650, 12.9630

Tritanomaly

207.5500, -16.0480, 4.4960

Monochromacy



Original Color

208.2280, -17.8370, 9.3870

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.2860, -6.5570, 3.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.2280, -17.8370, 9.3870 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(197, 207, 244)` looks like.

```
.text, #text, p{  
    color:rgb(197, 207, 244)  
}
```

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(197, 207, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 207, 244) }
```

Border

The CSS property to change the border of an element to YIQ 208.2280, -17.8370, 9.3870 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(197, 207, 244) }
```


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

```
.border{ border-color:rgb(197, 207, 244) }
```

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

Here you see how a box with a 4 pixel rgb(197, 207, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 207, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 207, 244);  
box-shadow:4px 4px 4px 4px rgb(197, 207,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 208.2280, -17.8370, 9.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 207, 244) }
```

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

```
.background{ background-color: rgb(197,  
207, 244) }
```

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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