

Converting Colors

YIQ(208.3810, -4.7260, 19.5780)

Have a look what the booklet for
YIQ(208.3810, -4.7260, 19.5780)
contains.

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Color

**YIQ(208.3810, -4.7260,
19.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C5F7
RGB	216, 197, 247
RGB Percent	85%, 77%, 97%
CMY	0.1529, 0.2275, 0.0314
CMYK	0.13, 0.20, 0.00, 0.03
HSL	263°, 76%, 87%
HSV	263°, 20%, 97%
XYZ	65.0754, 61.2453, 96.3755
YIQ	208.3810, -4.7260, 19.5780

Conversions

Conversions Part 2

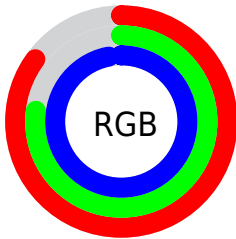
Format	Color
R _Y B	216, 197, 247
Decimal	14206455
CIE Lab	82.51, 16.07, -22.18
CIE LCh	83, 27.393, 305.924
Yxy	61.2453, 0.2922, 0.2750
Android (android.graphics.Color)	4292396535 (0xFFD8C5F7)
YUV	208.3810, 19.0392, 6.6819
Hunter-Lab	78.2594, 11.4749, -18.2334

Details

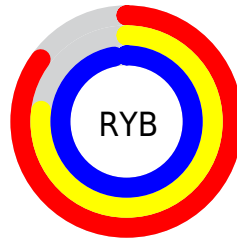
The YIQ color $208.3810, -4.7260, 19.5780$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $235.6190, 4.7260, -19.5780$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $153.8540, -4.6800, 18.7440$ is the 20% darker color. If you saturate the color by 10%, you get $189.2210, -6.7910, 29.4730$, and if you desaturate by 10%, it is $227.5410, -2.6610, 9.6830$.

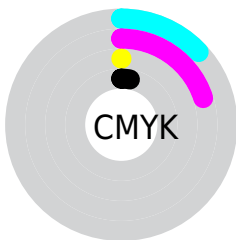
Distribution



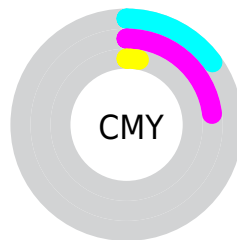
- Red (85%)
- Green (77%)
- Blue (97%)



- Red (85%)
- Yellow (77%)
- Blue (97%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 208.3810, -4.7260, 19.5780 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 208.3810, -4.7260, 19.5780 by changing the saturation by 10% instead.

■ 208.3810, -4.7260,
19.5780

■ 208.3810, -4.7260,
19.5780

255.0000, -0.0000,
-0.0000

■ 180.8540, -4.6800,
18.7440

254.4130, 0.2750,
0.5230

■ 153.8540, -4.6800,
18.7440

■ 127.9140, -4.9090,
17.3870

■ 102.8000, -4.5880,
17.0760

■ 78.2730, -4.5420,
16.2420

■ 55.4470, -5.0920,
15.1960

■ 33.5070, -5.3210,

13.8390

■ 10.0560, -2.4330,
16.5670

■ 2.8670, -6.6950,
5.6970

■ 208.3810, -4.7260,
19.5780

■ 208.3810, -4.7260,
19.5780

■ 189.2210, -6.7910,
29.4730

■ 227.5410, -2.6610,
9.6830

■ 170.3490, -9.7270,
38.6330

■ 246.4130, 0.2750,
0.5230

■ 151.1890,
-11.7920, 48.5280

■ 254.0880, 2.5680,
-2.4880

■ 132.0290,
-13.8570, 58.4230

■ 113.4560,
-16.1970, 67.7950

■ 93.9970, -18.8580,
77.4780

■ 74.8370, -20.9230,
87.3730

■ 56.2640, -23.2630,
96.7450

Harmonies

Analogous

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



204.1110, -30.6290, 9.9390



208.3810, -4.7260, 19.5780



210.0650, 19.7110, 22.7430

Triad

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



208.3810, -4.7260, 19.5780



206.1230, 39.0180, -2.2780



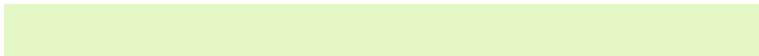
194.3420, -45.6620, -20.4940

Complementary

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



208.3810, -4.7260, 19.5780



235.6190, 4.7260, -19.5780

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.



197.3800, -22.4620, -22.4460



208.3810, -4.7260, 19.5780



203.3720, 24.7150, -12.8930

Square

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



208.3810, -4.7260, 19.5780



207.8390, 43.2340, 9.4260



200.7220, 2.9380, -20.2140



194.5120, -57.5840, -13.6800

Rectangle

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



208.3810, -4.7260, 19.5780



209.6550, 32.5490, 21.3570



200.7220, 2.9380, -20.2140



195.4090, -38.6010, -21.8090

Sweetspot

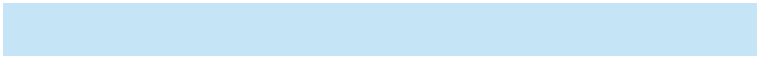
The Sweet Spot groups the original color and five complimentary colors.



208.3810, -4.7260, 19.5780



243.5040, -1.2390, 5.9370



221.4840, -24.8500, -1.1860



120.9230, -1.1010, 3.4350



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.



208.3810, -4.7260, 19.5780



207.8310, -5.8730, 23.8470



215.5570, 9.5780, 24.6660



112.8630, -0.8720, 4.7920



42.4330, -17.3900, 72.8980



13.3040, -5.8270, 23.0130

Inverse Universe

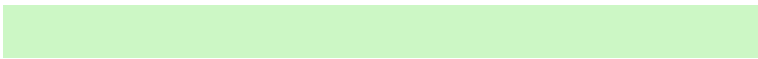
The Inverse Universe completely reimagines the original color for something new.



215.4840, 19.8490, 20.2410



216.5710, 24.1580, 24.7500



228.4430, -9.5780, -24.6660



114.5000, 4.5840, 5.0320



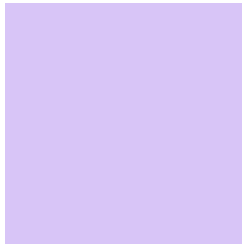
68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 208.3810, -4.7260, 19.5780 looks on a white background.

Color Contrast Check

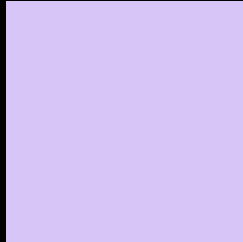
Large Text (above 18pt) WCAG AA × Fail

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 208.3810, -4.7260, 19.5780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

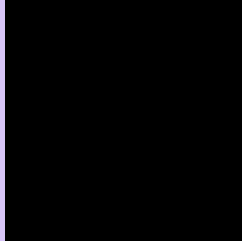
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 208.3810, -4.7260, 19.5780

Background



This preview shows how black text looks on a background with the YIQ color 208.3810, -4.7260, 19.5780.



This preview shows how white text looks on a background with the YIQ color 208.3810, -4.7260,

19.5780.

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

208.3810, -4.7260, 19.5780

Protanopia

205.7810, -20.7720, 13.0200

Deuteranopia

207.3260, -12.0610, 14.8430



Tritanopia

206.5150, 0.2280, 6.8840

Trichromacy



Original Color

208.3810, -4.7260, 19.5780

Protanomaly

206.8850, -15.1330, 15.4510

Deuteranomaly

207.9350, -9.4020, 16.2140

Tritanomaly

207.1930, -1.5610, 11.7750

Monochromacy



Original Color

208.3810, -4.7260, 19.5780

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.1450, -1.6060, 7.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.3810, -4.7260, 19.5780 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(216, 197, 247)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 247)  
}
```

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(216, 197, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 247) }
```

Border

The CSS property to change the border of an element to YIQ 208.3810, -4.7260, 19.5780 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(216, 197, 247) }
```


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

```
.border{ border-color:rgb(216, 197, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 197, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 197, 247); box-shadow:4px 4px 4px 4px rgb(216, 197, 247) }
```

Background

The CSS property to change the background color of an element to YIQ 208.3810, -4.7260, 19.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 247) }
```

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

```
.background{ background-color: rgb(216,  
197, 247) }
```

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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