

Converting Colors

YIQ(207.4880, -12.3370,
19.8470)

Have a look what the booklet for
YIQ(207.4880, -12.3370, 19.8470)
contains.

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Color

**YIQ(207.4880, -12.3370,
19.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C6FF
RGB	208, 198, 255
RGB Percent	82%, 78%, 100%
CMY	0.1842, 0.2235, 0.0001
CMYK	0.18, 0.22, 0.00, 0.00
HSL	251°, 100%, 89%
HSV	251°, 22%, 100%
XYZ	64.2560, 61.0169, 102.9785
YIQ	207.4880, -12.3370, 19.8470

Conversions

Conversions Part 2

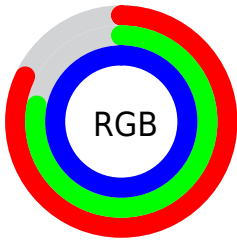
Format	Color
R _Y B	208, 198, 255
Decimal	13682431
CIE Lab	82.39, 14.74, -26.68
CIE LCh	82, 30.485, 298.922
Yxy	61.0169, 0.2815, 0.2673
Android (android.graphics.Color)	4291872511 (0xFFD0C6FF)
YUV	207.4880, 23.4234, 0.4490
Hunter-Lab	78.1133, 10.1358, -23.4840

Details

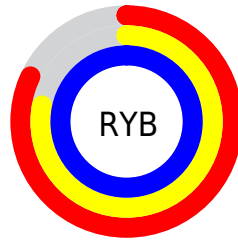
The YIQ color $207.4880, -12.3370, 19.8470$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.5120, 12.3370, -19.8470$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $152.8470, -11.9700, 18.7020$ is the 20% darker color. If you saturate the color by 10%, you get $186.5340, -17.9780, 28.4700$, and if you desaturate by 10%, it is $228.4420, -6.6960, 11.2240$.

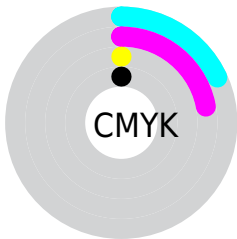
Distribution



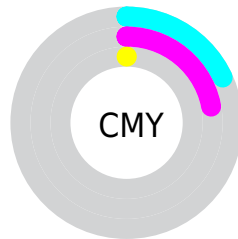
- Red (82%)
- Green (78%)
- Blue (100%)



- Red (82%)
- Yellow (78%)
- Blue (100%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.4880, -12.3370, 19.8470 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 207.4880, -12.3370, 19.8470 by changing the saturation by 10% instead.

■ 207.4880,
-12.3370, 19.8470

■ 207.4880,
-12.3370, 19.8470

255.0000, -0.0000,
-0.0000

■ 179.9610,
-12.2910, 19.0130

■ 152.8470,
-11.9700, 18.7020

■ 127.3200,
-11.9240, 17.8680

■ 101.7930,
-11.8780, 17.0340

■ 77.2660, -11.8320,
16.2000

■ 54.3260, -12.0610,
14.8430

■ 32.0870, -12.8860,

13.2740

■ 8.0380, -11.1900,
15.5780

■ 3.4370, -8.3000,
7.2520

■ 207.4880,
-12.3370, 19.8470

■ 207.4880,
-12.3370, 19.8470

■ 186.5340,
-17.9780, 28.4700

■ 228.4420, -6.6960,
11.2240

■ 164.9930,
-23.3440, 37.6160

■ 249.9830, -1.3300,
2.0780

■ 144.0390,
-28.9850, 46.2390

255.0000, -0.0000,
-0.0000

■ 122.4980,
-34.3510, 55.3850

■ 101.5440,
-39.9920, 64.0080

■ 80.0030, -45.3580,
73.1540

■ 59.0490, -50.9990,
81.7770

■ 42.5250, -55.0350,
88.8450

Harmonies

Analogous

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



201.3980, -38.9270, 6.1370



207.4880, -12.3370, 19.8470



209.7920, 16.2260, 25.3300

Triad

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



207.4880, -12.3370, 19.8470



205.9390, 45.5280, 0.8880



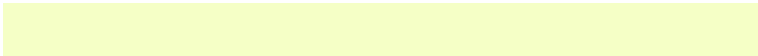
192.9350, -46.0740, -24.0420

Complementary

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



207.4880, -12.3370, 19.8470



245.5120, 12.3370, -19.8470

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.



196.6530, -18.9770, -25.0330



207.4880, -12.3370, 19.8470



203.9060, 31.9590, -12.0170

Square

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



207.4880, -12.3370, 19.8470



205.8330, 43.3710, 12.4510



200.6040, 9.0820, -21.4300



191.1690, -64.0480, -17.6800

Rectangle

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



207.4880, -12.3370, 19.8470



209.5780, 31.4480, 24.7920



200.6040, 9.0820, -21.4300



193.8990, -37.2250, -24.7210

Sweetspot

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



207.4880, -12.3370, 19.8470



239.9490, -3.9900, 6.2340



232.0870, -31.2220, -6.8540



118.8520, -2.3390, 3.8450



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.



207.4880, -12.3370, 19.8470



197.4540, -14.9970, 24.0030



215.8600, 4.3510, 25.7830



117.0800, -2.9810, 4.4670



31.9400, -41.0470, 66.6090



10.5850, -13.9880, 22.2360

Inverse Universe

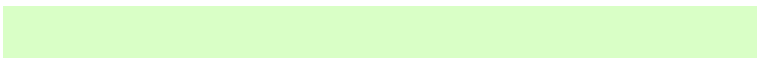
The Inverse Universe completely reimagines the original color for something new.



220.4010, 18.8850, 26.7010



213.1290, 22.8270, 32.3550



237.1400, -4.3510, -25.7830



120.0270, 4.5380, 5.8660



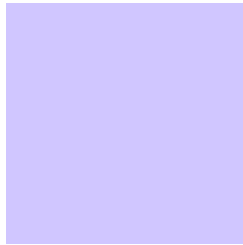
75.1210, 63.1180, 89.6300



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 207.4880, -12.3370, 19.8470 looks on a white background.

Color Contrast Check

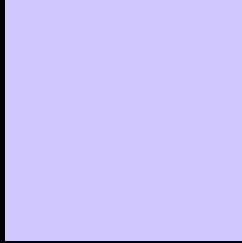
Large Text (above 18pt) WCAG AA × Fail

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 207.4880, -12.3370, 19.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

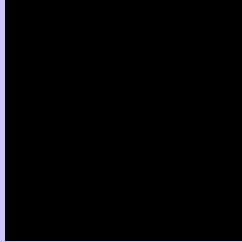
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.4880, -12.3370, 19.8470

Background



This preview shows how black text looks on a background with the YIQ color 207.4880, -12.3370, 19.8470.



This preview shows how white text looks on a background with the YIQ color 207.4880, -12.3370,

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

207.4880, -12.3370, 19.8470

Protanopia

205.6390, -23.2480, 13.8400

Deuteranopia

206.7430, -17.6090, 16.2710



Tritanopia

205.2260, -6.3280, 4.5520

Trichromacy



Original Color

207.4880, -12.3370, 19.8470

Protanomaly

206.2590, -19.1220, 16.1580

Deuteranomaly

207.0530, -15.5460, 17.4300

Tritanomaly

206.1320, -8.7590, 10.0650

Monochromacy



Original Color

207.4880, -12.3370, 19.8470

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.1770, -4.6320, 6.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.4880, -12.3370, 19.8470 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(208, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 198, 255)  
}
```

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(208, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 198, 255) }
```

Border

The CSS property to change the border of an element to YIQ 207.4880, -12.3370, 19.8470 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(208, 198, 255) }
```


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

```
.border{ border-color:rgb(208, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 198,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 207.4880, -12.3370, 19.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 198, 255) }
```

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

```
.background{ background-color: rgb(208,  
198, 255) }
```

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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