

Converting Colors

YIQ(207.8310, -5.8730, 23.8470)

Have a look what the booklet for
YIQ(207.8310, -5.8730, 23.8470)
contains.

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Color

**YIQ(207.8310, -5.8730,
23.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C2FF
RGB	217, 194, 255
RGB Percent	85%, 76%, 100%
CMY	0.1489, 0.2392, 0.0001
CMYK	0.15, 0.24, 0.00, 0.00
HSL	263°, 100%, 88%
HSV	263°, 24%, 100%
XYZ	65.9591, 60.5535, 102.8041
YIQ	207.8310, -5.8730, 23.8470

Conversions

Conversions Part 2

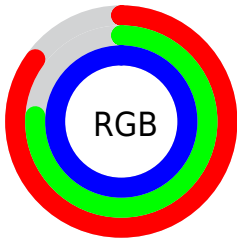
Format	Color
RYB	217, 194, 255
Decimal	14271231
CIELab	82.14, 19.66, -27.00
CIELCh	82, 33.403, 306.061
Yxy	60.5535, 0.2876, 0.2641
Android (android.graphics.Color)	4292461311 (0xFFD9C2FF)
YUV	207.8310, 23.2543, 8.0412
Hunter-Lab	77.8161, 15.1232, -23.8577

Details

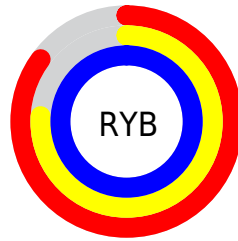
The YIQ color $207.8310, -5.8730, 23.8470$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $241.1690, 5.8730, -23.8470$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $153.1900, -5.5060, 22.7020$ is the 20% darker color. If you saturate the color by 10%, you get $187.7850, -8.2590, 34.0530$, and if you desaturate by 10%, it is $227.2900, -3.2120, 14.1640$.

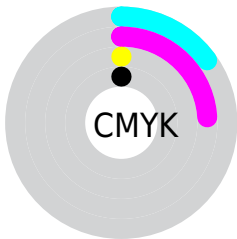
Distribution



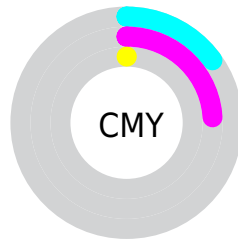
- Red (85%)
- Green (76%)
- Blue (100%)



- Red (85%)
- Yellow (76%)
- Blue (100%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.8310, -5.8730, 23.8470 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 207.8310, -5.8730, 23.8470 by changing the saturation by 10% instead.

■ 207.8310, -5.8730,
23.8470

■ 207.8310, -5.8730,
23.8470

■ 255.0000, -0.0000,
-0.0000

■ 180.3040, -5.8270,
23.0130

■ 252.6520, 1.1000,
2.0920

■ 153.1900, -5.5060,
22.7020

■ 127.3640, -6.0560,
21.6560

■ 101.8370, -6.0100,
20.8220

■ 77.3100, -5.9640,
19.9880

■ 54.3700, -6.1930,
18.6310

■ 32.1310, -7.0180,

17.0620

■ 10.4410, -4.9550,
18.2210

■ 3.4370, -8.3000,
7.2520

■ 207.8310, -5.8730,
23.8470

■ 207.8310, -5.8730,
23.8470

■ 187.7850, -8.2590,
34.0530

■ 227.2900, -3.2120,
14.1640

■ 168.3260,
-10.9200, 43.7360

■ 247.3360, -0.8260,
3.9580

■ 148.8670,
-13.5810, 53.4190

■ 255.0000, -0.0000,
-0.0000

■ 129.1200,
-15.3710, 63.8370

■ 109.6610,
-18.0320, 73.5200

■ 89.6150, -20.4180,
83.7260

■ 70.1560, -23.0790,
93.4090

■ 57.7740, -24.6390,
99.6570

Harmonies

Analogous

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



201.1320, -35.1220, 8.7660



207.8310, -5.8730, 23.8470



209.5650, 24.2950, 27.7750

Triad

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



207.8310, -5.8730, 23.8470



204.9020, 46.9500, -2.8580



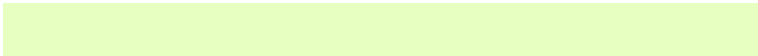
189.2370, -58.7280, -25.9920

Complementary

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



207.8310, -5.8730, 23.8470



241.1690, 5.8730, -23.8470

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.



193.6950, -27.9630, -27.3790



207.8310, -5.8730, 23.8470



201.7160, 29.4380, -15.8900

Square

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



207.8310, -5.8730, 23.8470



204.1060, 46.8560, 9.8640



198.0870, 3.1680, -24.3840



187.8950, -74.9600, -18.1600

Rectangle

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



207.8310, -5.8730, 23.8470



206.4320, 34.7950, 24.7070



198.0870, 3.1680, -24.3840



190.3860, -48.9620, -26.7700

Sweetspot

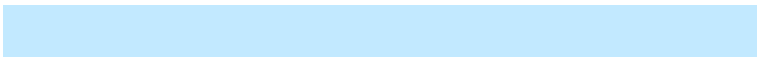
The Sweet Spot groups the original color and five complimentary colors.



207.8310, -5.8730, 23.8470



241.1450, -1.6060, 7.0820



223.8470, -30.3060, -1.4260



119.4500, -1.1470, 4.2690



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.



207.8310, -5.8730, 23.8470



197.8080, -7.0660, 28.9500



216.8010, 12.0070, 30.2070



117.9770, -1.1930, 5.1030



43.3020, -18.3990, 74.6650



14.4720, -6.2400, 24.9920

Inverse Universe

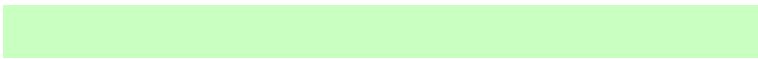
The Inverse Universe completely reimagines the original color for something new.



216.5710, 24.1580, 24.7500



208.3700, 29.3380, 29.9940



232.1990, -12.0070, -30.2070



119.7990, 5.1800, 5.2440



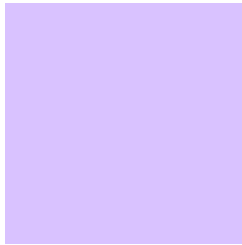
70.6750, 75.6370, 77.5010



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 207.8310, -5.8730, 23.8470 looks on a white background.

Color Contrast Check

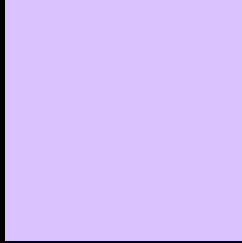
Large Text (above 18pt) WCAG AA × Fail

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 207.8310, -5.8730, 23.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

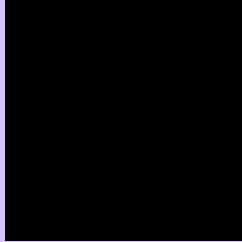
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.8310, -5.8730, 23.8470

Background



This preview shows how black text looks on a background with the YIQ color 207.8310, -5.8730, 23.8470.

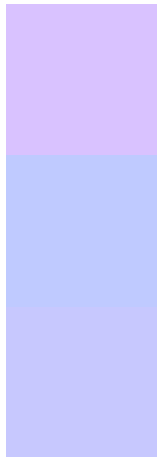


This preview shows how white text looks on a background with the YIQ color 207.8310, -5.8730,

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

207.8310, -5.8730, 23.8470

Protanopia

204.7530, -23.5690, 14.1510

Deuteranopia

205.8570, -17.9300, 16.5820



Tritanopia

205.8140, 0.8240, 7.0960

Trichromacy



Original Color

207.8310, -5.8730, 23.8470

Protanomaly

205.6830, -17.3800, 17.6280

Deuteranomaly

206.7760, -13.2080, 19.1120

Tritanomaly

206.2470, -1.6530, 13.4430

Monochromacy



Original Color

207.8310, -5.8730, 23.8470

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.9000, -2.2940, 8.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.8310, -5.8730, 23.8470 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(217, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 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(217, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 255) }
```

Border

The CSS property to change the border of an element to YIQ 207.8310, -5.8730, 23.8470 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(217, 194, 255) }
```


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

```
.border{ border-color:rgb(217, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 207.8310, -5.8730, 23.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 255) }
```

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

```
.background{ background-color: rgb(217,  
194, 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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