

Converting Colors

YUV(208.1800, 17.1663, 0.7191)

Have a look what the booklet for
YUV(208.1800, 17.1663, 0.7191)
contains.

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Color

**YUV(208.1800, 17.1663,
0.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C9F3
RGB	209, 201, 243
RGB Percent	82%, 79%, 95%
CMY	0.1804, 0.2118, 0.0471
CMYK	0.14, 0.17, 0.00, 0.05
HSL	251°, 64%, 87%
HSV	251°, 17%, 95%
XYZ	63.3588, 61.7997, 93.3832
YIQ	208.1800, -8.7140, 14.7580

Conversions

Conversions Part 2

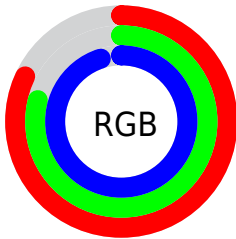
Format	Color
R _Y B	209, 201, 243
Decimal	13748723
CIE Lab	82.81, 10.89, -19.66
CIE LCh	83, 22.476, 298.968
Yxy	61.7997, 0.2899, 0.2828
Android (android.graphics.Color)	4291938803 (0xFFD1C9F3)
YUV	208.1800, 17.1663, 0.7191
Hunter-Lab	78.6128, 6.2917, -15.4010

Details

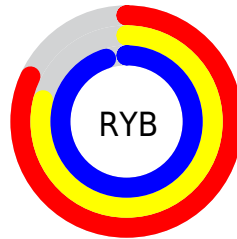
The YUV color $208.1800, 17.1663, 0.7191$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $235.8200, -17.1663, -0.7191$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $153.6530, 16.4401, 0.3043$ is the 20% darker color. If you saturate the color by 10%, you get $188.1120, 27.0598, 0.7788$, and if you desaturate by 10%, it is $228.2480, 7.2727, 0.6595$.

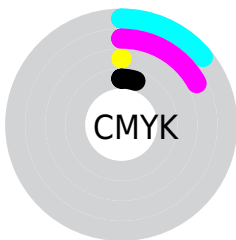
Distribution



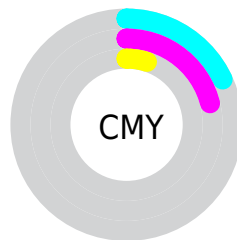
- Red (82%)
- Green (79%)
- Blue (95%)



- Red (82%)
- Yellow (79%)
- Blue (95%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.1800, 17.1663, 0.7191 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 YUV color 208.1800, 17.1663, 0.7191 by changing the saturation by 10% instead.

■ 208.1800, 17.1663,
0.7191

■ 208.1800, 17.1663,
0.7191

255.0000, 0.0000,
0.0000

■ 180.7670, 16.8769,
0.2043

■ 153.6530, 16.4401,
0.3043

■ 127.5390, 16.0033,
0.4043

■ 102.8980, 14.8403,
0.0895

■ 78.4850, 14.5509,
-0.4253

■ 55.3710, 14.1141,
-0.3254

■ 33.4310, 13.0985,

-1.2550

■ 10.3820, 14.1087,
1.4190

■ 2.4110, 6.6994,
-2.1144

■ 208.1800, 17.1663,
0.7191

■ 208.1800, 17.1663,
0.7191

■ 188.1120, 27.0598,
0.7788

■ 228.2480, 7.2727,
0.6595

■ 167.7560, 37.0953,
1.9680

■ 248.6040, -2.7628,
-0.5297

■ 147.6880, 46.9888,
2.0276

■ 253.6320, -5.2416,
1.1997

■ 127.6200, 56.8823,
2.0873

■ 107.2640, 66.9178,
3.2765

■ 87.1960, 76.8114,
3.3361

■ 67.1280, 86.7049,
3.3957

■ 47.3590, 96.4510,
4.0702

■ 41.4560, 99.3612,
3.9851

Harmonies

Analogous

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



204.4870, 21.4519, -20.5981



208.1800, 17.1663, 0.7191



210.1240, 8.8129, 20.0623

Triad

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



208.1800, 17.1663, 0.7191



207.7790, -18.1320, 29.1348



197.9800, 3.4609, -36.8165

Complementary

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



208.1800, 17.1663, 0.7191



235.8200, -17.1663, -0.7191

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.



200.3920, -8.0813, -21.3918



208.1800, 17.1663, 0.7191



205.1210, -20.2727, 15.6799

Square

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



208.1800, 17.1663, 0.7191



209.3590, -11.0230, 35.6422



202.9230, -16.7240, -2.5635



197.9820, 13.8129, -43.8342

Rectangle

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



208.1800, 17.1663, 0.7191



210.1700, 2.3812, 29.6689



202.9230, -16.7240, -2.5635



198.8620, -0.9180, -32.3280

Sweetspot

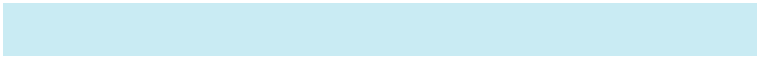
The Sweet Spot groups the original color and five complimentary colors.



208.1800, 17.1663, 0.7191



244.3790, 5.2362, 0.5446



225.7460, 8.5062, -21.7022



121.2110, 3.3470, -0.1850



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.



208.1800, 17.1663, 0.7191



210.4450, 21.9656, 1.3637



214.4590, 14.0707, 13.6295



111.9660, 4.9468, 0.0298



31.6690, 76.0852, 2.9213



10.0150, 24.1496, 0.8638

Inverse Universe

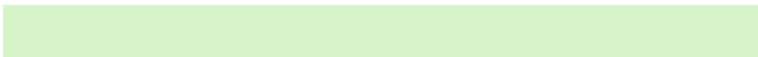
The Inverse Universe completely reimagines the original color for something new.



217.4340, 8.6600, 22.4214



222.1620, 11.2591, 28.7989



229.5410, -14.0707, -13.6295



114.7280, 2.5991, 6.3775



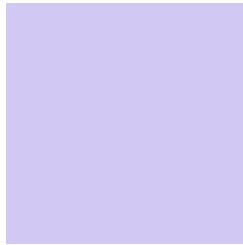
72.8280, 38.5388, 99.2518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 208.1800, 17.1663, 0.7191 looks on a white background.

Color Contrast Check

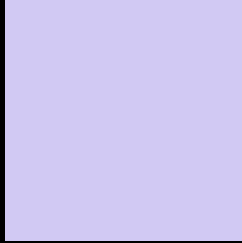
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 208.1800, 17.1663, 0.7191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

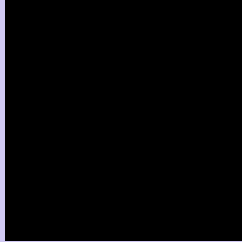
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.1800, 17.1663, 0.7191

Background



This preview shows how black text looks on a background with the YUV color 208.1800, 17.1663, 0.7191.



This preview shows how white text looks on a background with the YUV color 208.1800, 17.1663,

0.7191.

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

208.1800, 17.1663, 0.7191

Protanopia

206.8800, 18.7932, -7.7878

Deuteranopia

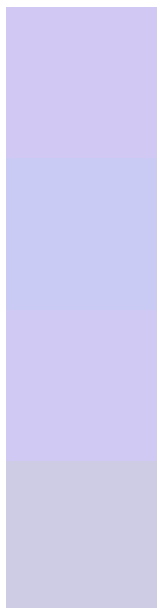
207.8810, 17.3137, 0.1044



Tritanopia

206.8240, 6.9888, -1.5996

Trichromacy



Original Color

208.1800, 17.1663, 0.7191

Protanomaly

207.3750, 18.0561, -4.7139

Deuteranomaly

207.8810, 17.3137, 0.1044

Tritanomaly

207.4480, 10.6251, -1.2699

Monochromacy



Original Color

208.1800, 17.1663, 0.7191

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.1800, 17.1663, 0.7191 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(209, 201, 243)` looks like.

```
.text, #text, p{  
    color:rgb(209, 201, 243)  
}
```

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(209, 201, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 201, 243) }
```

Border

The CSS property to change the border of an element to YUV 208.1800, 17.1663, 0.7191 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(209, 201, 243) }
```


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

```
.border{ border-color:rgb(209, 201, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 201, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 201, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 201, 243);  
box-shadow:4px 4px 4px 4px rgb(209, 201,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 208.1800, 17.1663, 0.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 201, 243) }
```

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

```
.background{ background-color: rgb(209,  
201, 243) }
```

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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