

Converting Colors

YUV(215.8210, 18.3292, 1.0340)

Have a look what the booklet for
YUV(215.8210, 18.3292, 1.0340)
contains.

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Color

**YUV(215.8210, 18.3292,
1.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D0FD
RGB	217, 208, 253
RGB Percent	85%, 82%, 99%
CMY	0.1490, 0.1843, 0.0078
CMYK	0.14, 0.18, 0.00, 0.01
HSL	252°, 92%, 90%
HSV	252°, 18%, 99%
XYZ	68.9008, 66.9553, 102.2207
YIQ	215.8210, -9.0810, 15.9030

Conversions

Conversions Part 2

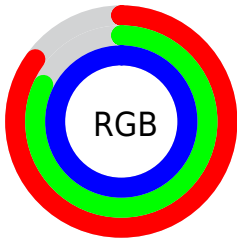
Format	Color
R _{YB}	217, 208, 253
Decimal	14274813
CIE _{Lab}	85.48, 11.74, -20.87
CIE _{LCh}	85, 23.942, 299.358
Y _{xy}	66.9553, 0.2894, 0.2812
Android (android.graphics.Color)	4292464893 (0xFFD9D0FD)
YUV	215.8210, 18.3292, 1.0340
Hunter-Lab	81.8262, 7.1078, -16.7892

Details

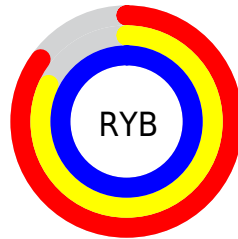
The YUV color $215.8210, 18.3292, 1.0340$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $245.1790, -18.3292, -1.0340$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.1800, 17.1663, 0.7191$ is the 20% darker color. If you saturate the color by 10%, you get $195.1660, 28.5122, 1.6084$, and if you desaturate by 10%, it is $236.4760, 8.1463, 0.4595$.

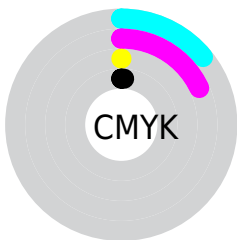
Distribution



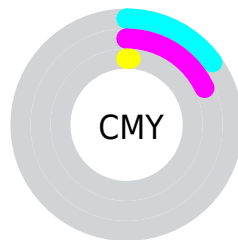
- Red (85%)
- Green (82%)
- Blue (99%)



- Red (85%)
- Yellow (82%)
- Blue (99%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8210, 18.3292, 1.0340 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 215.8210, 18.3292, 1.0340 by changing the saturation by 10% instead.

■ 215.8210, 18.3292,
1.0340

■ 215.8210, 18.3292,
1.0340

255.0000, 0.0000,
0.0000

■ 187.7070, 17.8924,
1.1340

■ 161.1800, 17.1663,
0.7191

■ 134.7670, 16.8769,
0.2043

■ 109.5390, 16.0033,
0.4043

■ 85.1260, 15.7139,
-0.1105

■ 61.5990, 14.9877,
-0.5253

■ 39.0720, 14.2615,

-0.9401

■ 17.9580, 13.8247,
-0.8402

■ 3.4370, 10.6306,
-3.0142

■ 215.8210, 18.3292,
1.0340

■ 215.8210, 18.3292,
1.0340

■ 195.1660, 28.5122,
1.6084

■ 236.4760, 8.1463,
0.4595

■ 173.9240, 38.9845,
2.6977

254.7720, -0.8736,
0.2000

■ 152.9700, 49.3148,
2.6573

■ 132.3150, 59.4977,
3.2317

■ 111.0730, 69.9700,
4.3210

■ 90.4180, 80.1529,
4.8954

■ 69.4640, 90.4832,
4.8551

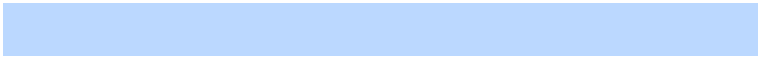
■ 48.8090, 100.6662,
5.4295

■ 44.0910, 102.9921,
6.0592

Harmonies

Analogous

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



211.7750, 21.3099, -21.7277



215.8210, 18.3292, 1.0340



217.6620, 9.5336, 22.2214

Triad

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



215.8210, 18.3292, 1.0340



214.7470, -19.5953, 31.7939



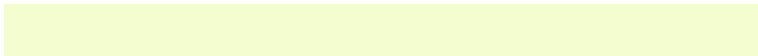
205.2570, 3.3243, -39.6904

Complementary

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



215.8210, 18.3292, 1.0340



245.1790, -18.3292, -1.0340

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.



207.2670, -8.5126, -23.0362



215.8210, 18.3292, 1.0340



213.0780, -21.7305, 16.5946

Square

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



215.8210, 18.3292, 1.0340



214.9460, -11.3124, 35.1274



210.2820, -17.8870, -2.8783



204.6010, 14.9867, -47.0081

Rectangle

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



215.8210, 18.3292, 1.0340



217.5940, 2.6652, 31.9281



210.2820, -17.8870, -2.8783



205.5520, -0.7651, -34.6871

Sweetspot

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



215.8210, 18.3292, 1.0340



244.3790, 5.2362, 0.5446



234.2620, 9.2378, -23.0318



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.



215.8210, 18.3292, 1.0340



210.4450, 21.9656, 1.3637



222.6980, 14.9389, 15.1739



117.0800, 5.3836, -0.0702



33.1360, 77.8270, 4.2657



11.1830, 26.0388, 1.5935

Inverse Universe

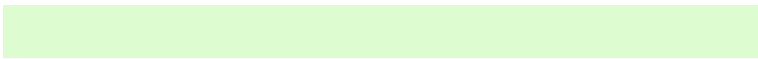
The Inverse Universe completely reimagines the original color for something new.



225.5590, 9.0914, 24.0658



222.0480, 10.8223, 28.8989



238.3020, -14.9389, -15.1739



120.0270, 2.4517, 6.9923



74.5510, 38.6754, 102.1258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 215.8210, 18.3292, 1.0340 looks on a white background.

Color Contrast Check

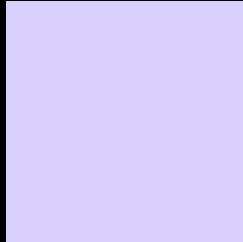
Large Text (above 18pt) WCAG AA × Fail

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 215.8210, 18.3292, 1.0340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

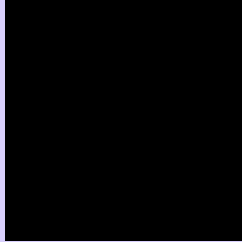
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.8210, 18.3292, 1.0340

Background



This preview shows how black text looks on a background with the YUV color 215.8210, 18.3292, 1.0340.

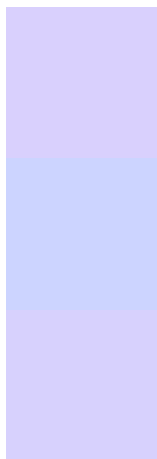


This preview shows how white text looks on a background with the YUV color 215.8210, 18.3292, 1.0340.

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

215.8210, 18.3292, 1.0340

Protanopia

214.5100, 19.9616, -9.2173

Deuteranopia

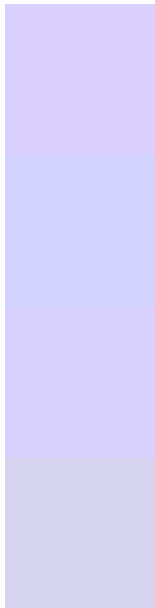
215.8100, 18.3347, -0.7104



Tritanopia

214.2370, 7.2782, -1.0848

Trichromacy



Original Color

215.8210, 18.3292, 1.0340

Protanomaly

215.3040, 19.0771, -5.5286

Deuteranomaly

216.1090, 18.1873, -0.0956

Tritanomaly

214.9750, 11.3513, -0.8551

Monochromacy



Original Color

215.8210, 18.3292, 1.0340

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.7210, 6.5465, 0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8210, 18.3292, 1.0340 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, 208, 253)` looks like.

```
.text, #text, p{  
    color:rgb(217, 208, 253)  
}
```

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, 208, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 208, 253) }
```

Border

The CSS property to change the border of an element to YUV 215.8210, 18.3292, 1.0340 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, 208, 253) }
```


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

```
.border{ border-color:rgb(217, 208, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 208, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 208, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 208, 253);  
box-shadow:4px 4px 4px 4px rgb(217, 208,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 215.8210, 18.3292, 1.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 208, 253) }
```

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

```
.background{ background-color: rgb(217,  
208, 253) }
```

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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