

Converting Colors

YUV(218.8800, 2.0312, 1.8592)

Have a look what the booklet for
YUV(218.8800, 2.0312, 1.8592)
contains.

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Color

**YUV(218.8800, 2.0312,
1.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD9DF
RGB	221, 217, 223
RGB Percent	87%, 85%, 87%
CMY	0.1333, 0.1490, 0.1255
CMYK	0.01, 0.03, 0.00, 0.13
HSL	280°, 9%, 86%
HSV	280°, 3%, 87%
XYZ	67.9509, 70.3256, 79.8048
YIQ	218.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

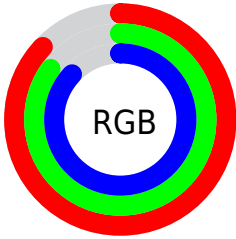
Format	Color
R _Y B	221, 217, 223
Decimal	14539231
CIE Lab	87.16, 2.44, -2.47
CIE LCh	87, 3.474, 314.726
Yxy	70.3256, 0.3116, 0.3225
Android (android.graphics.Color)	4292729311 (0xFFDDD9DF)
YUV	218.8800, 2.0312, 1.8592
Hunter-Lab	83.8603, -2.1194, 2.2795

Details

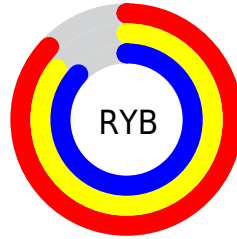
The YUV color `218.8800, 2.0312, 1.8592` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `221.1200, -2.0312, -1.8592`, and the grayscale version is `219.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `163.8800, 2.0312, 1.8592` is the 20% darker color. If you saturate the color by 10%, you get `203.8730, 9.4296, 8.8814`, and if you desaturate by 10%, it is `233.8870, -5.3673, -5.1629`.

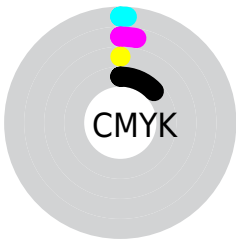
Distribution



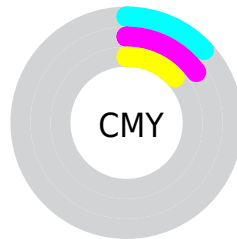
- Red (87%)
- Green (85%)
- Blue (87%)



- Red (87%)
- Yellow (85%)
- Blue (87%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8800, 2.0312, 1.8592 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 218.8800, 2.0312, 1.8592 by changing the saturation by 10% instead.

■ 218.8800, 2.0312,
1.8592

■ 218.8800, 2.0312,
1.8592

255.0000, 0.0000,
0.0000

■ 190.8800, 2.0312,
1.8592

■ 163.8800, 2.0312,
1.8592

■ 137.7660, 1.5944,
1.9592

■ 112.4670, 1.7418,
1.3444

■ 87.7660, 1.5944,
1.9592

■ 64.4670, 1.7418,
1.3444

■ 42.4670, 1.7418,

1.3444

■ 22.3530, 1.3050,
1.4444

■ 0.0000, 0.0000,
0.0000

■ 218.8800, 2.0312,
1.8592

■ 218.8800, 2.0312,
1.8592

■ 203.8730, 9.4296,
8.8814

■ 233.8870, -5.3673,
-5.1629

■ 187.9800, 17.2649,
15.8035

■ 245.6710,
-11.1768, -8.4815

■ 172.9730, 24.6633,
22.8257

■ 247.7640,
-12.2087, -4.1780

■ 157.6670, 32.2092,
29.2330

■ 250.1560,
-13.3879, 0.7402

■ 142.0730, 39.8970,
36.7700

■ 251.3520,
-13.9775, 3.1993

■ 126.7670, 47.4429,
43.1773

■ 111.7600, 54.8413,
50.1995

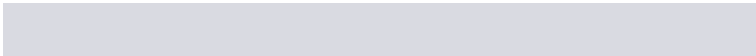
■ 96.7530, 62.2398,
57.2216

■ 80.8600, 70.0750,
64.1438

Harmonies

Analogous

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



218.4990, 3.2050, -1.3146



218.8800, 2.0312, 1.8592



218.8480, 0.5679, 4.5183

Triad

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



218.8800, 2.0312, 1.8592



218.8110, -3.3578, 3.6738



217.3090, 1.3267, -5.5330

Complementary

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



218.8800, 2.0312, 1.8592



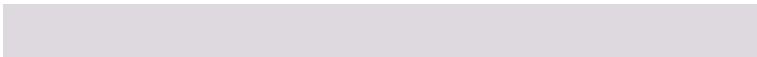
221.1200, -2.0312, -1.8592

Split Complementary

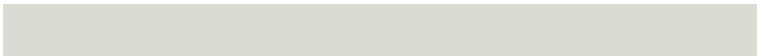
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.1520, -0.5679, -4.5183



218.8800, 2.0312, 1.8592



218.2020, -3.0576, 0.6998

Square

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



218.8800, 2.0312, 1.8592



219.0500, -2.4897, 5.2181



218.1200, -2.0312, -1.8592



217.6510, 2.6371, -5.8329

Rectangle

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



218.8800, 2.0312, 1.8592



218.9190, -0.4531, 5.3330



218.1200, -2.0312, -1.8592



217.1950, 0.8899, -5.4330

Sweetspot

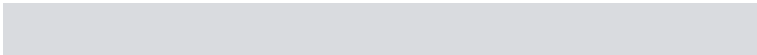
The Sweet Spot groups the original color and five complimentary colors.



218.8800, 2.0312, 1.8592



252.9400, 1.0156, 0.9296



218.8580, 2.0420, -1.6295



126.5270, 0.7262, 0.4148



0.0000, 0.0000, 0.0000



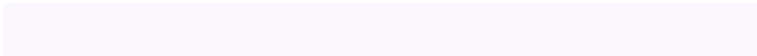
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.8800, 2.0312, 1.8592



249.4070, 2.7573, 2.2741



219.3640, 1.2995, 3.1888



109.3530, 1.3050, 1.4444



55.0470, 59.6298, 54.3328



15.0400, 16.2493, 14.8739

Inverse Universe

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



219.0220, -0.0108, 3.4887



249.7340, 0.1311, 4.6183



220.6360, -1.2995, -3.1888



109.3100, -0.1528, 2.3591



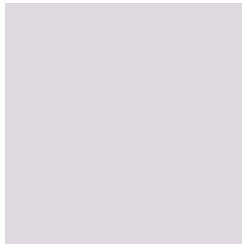
59.3500, -0.1725, 102.3021



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 218.8800, 2.0312, 1.8592 looks on a white background.

Color Contrast Check

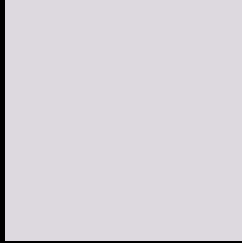
Large Text (above 18pt) WCAG AA × Fail

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 218.8800, 2.0312, 1.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

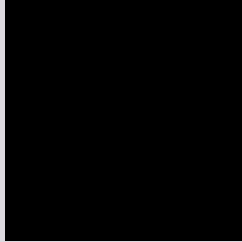
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

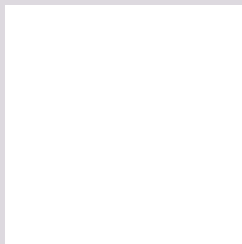
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.8800, 2.0312, 1.8592

Background



This preview shows how black text looks on a background with the YUV color 218.8800, 2.0312, 1.8592.



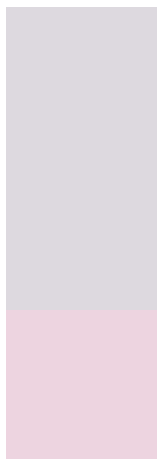
This preview shows how white text looks on a background with the YUV color 218.8800, 2.0312,

1.8592.

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

218.8800, 2.0312, 1.8592

Protanopia

218.8800, 2.0312, 1.8592

Deuteranopia

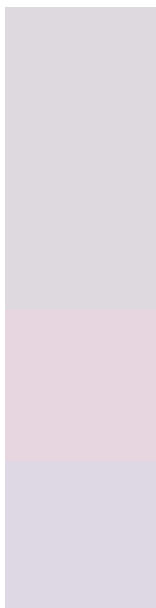
220.8430, 1.5564, 14.1697



Tritanopia

219.7320, 6.5411, 1.9890

Trichromacy



Original Color

218.8800, 2.0312, 1.8592

Protanomaly

218.8800, 2.0312, 1.8592

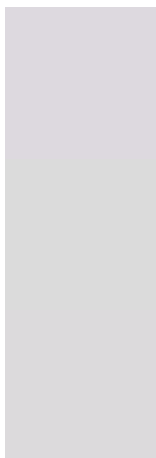
Deuteranomaly

220.2230, 1.8621, 9.4514

Tritanomaly

219.2760, 4.7939, 2.3889

Monochromacy



Original Color

218.8800, 2.0312, 1.8592

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8800, 2.0312, 1.8592 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(221, 217, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 217, 223)  
}
```

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(221, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 217, 223) }
```

Border

The CSS property to change the border of an element to YUV 218.8800, 2.0312, 1.8592 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(221, 217, 223) }
```


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

```
.border{ border-color:rgb(221, 217, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 217,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 218.8800, 2.0312, 1.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 217, 223) }
```

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

```
.background{ background-color: rgb(221,  
217, 223) }
```

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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