

Converting Colors

YUV(218.6670, 5.0942, -0.5850)

Have a look what the booklet for
YUV(218.6670, 5.0942, -0.5850)
contains.

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Color

**YUV(218.6670, 5.0942,
-0.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD9E5
RGB	218, 217, 229
RGB Percent	85%, 85%, 90%
CMY	0.1451, 0.1490, 0.1020
CMYK	0.05, 0.05, 0.00, 0.10
HSL	245°, 19%, 87%
HSV	245°, 5%, 90%
XYZ	67.8692, 70.1883, 84.0993
YIQ	218.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

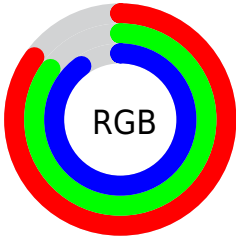
Format	Color
R _Y B	218, 217, 229
Decimal	14342629
CIE Lab	87.09, 2.55, -5.76
CIE LCh	87, 6.303, 293.911
Yxy	70.1883, 0.3055, 0.3159
Android (android.graphics.Color)	4292532709 (0xFFDAD9E5)
YUV	218.6670, 5.0942, -0.5850
Hunter-Lab	83.7784, -2.0089, -0.8722

Details

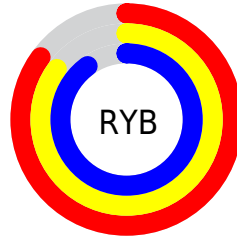
The YUV color $218.6670, 5.0942, -0.5850$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $227.3330, -5.0942, 0.5850$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.6670, 5.0942, -0.5850$ is the 20% darker color. If you saturate the color by 10%, you get $198.8870, 14.8457, -1.6549$, and if you desaturate by 10%, it is $238.4470, -4.6574, 0.4850$.

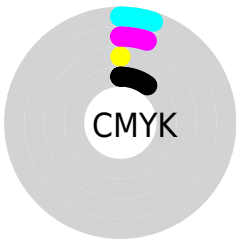
Distribution



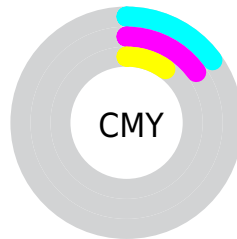
- Red (85%)
- Green (85%)
- Blue (90%)



- Red (85%)
- Yellow (85%)
- Blue (90%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.6670, 5.0942, -0.5850 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 218.6670, 5.0942, -0.5850 by changing the saturation by 10% instead.

■ 218.6670, 5.0942,
-0.5850

■ 218.6670, 5.0942,
-0.5850

255.0000, 0.0000,
0.0000

■ 190.6670, 5.0942,
-0.5850

■ 163.6670, 5.0942,
-0.5850

■ 137.5530, 4.6574,
-0.4850

■ 112.1400, 4.3680,
-0.9998

■ 87.4390, 4.2206,
-0.3850

■ 64.4390, 4.2206,
-0.3850

■ 42.3250, 3.7838,

-0.2850

■ 21.9120, 3.4944,
-0.7998

■ 0.2280, 0.8736,
-0.2000

■ 218.6670, 5.0942,
-0.5850

■ 218.6670, 5.0942,
-0.5850

■ 198.8870, 14.8457,
-1.6549

■ 238.4470, -4.6574,
0.4850

■ 179.1070, 24.5972,
-2.7248

■ 252.0360,
-11.3567, 2.5994

■ 159.3270, 34.3488,
-3.7948

■ 139.5470, 44.1003,
-4.8647

■ 119.7670, 53.8519,
-5.9347

■ 100.5740, 63.3140,
-7.5194

■ 80.7940, 73.0656,
-8.5893

■ 61.0140, 82.8171,
-9.6593

■ 41.2340, 92.5686,
-10.7292

Harmonies

Analogous

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



217.8620, 5.9840, -6.0180



218.6670, 5.0942, -0.5850



219.1300, 2.8939, 5.1480

Triad

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



218.6670, 5.0942, -0.5850



218.8010, -4.8319, 9.8215



216.6460, 0.1745, -9.3365

Complementary

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



218.6670, 5.0942, -0.5850



227.3330, -5.0942, 0.5850

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.



216.8700, -2.8939, -5.1480



218.6670, 5.0942, -0.5850



218.1380, -5.9840, 6.0180

Square

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



218.6670, 5.0942, -0.5850



219.2680, -3.0901, 11.1660



217.3330, -5.0942, 0.5850



216.7320, 3.0901, -11.1660

Rectangle

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



218.6670, 5.0942, -0.5850



219.9840, 0.9939, 7.9070



217.3330, -5.0942, 0.5850



216.7170, -0.8465, -8.5218

Sweetspot

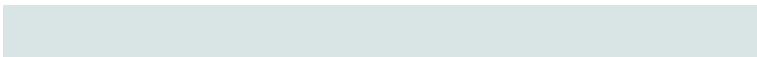
The Sweet Spot groups the original color and five complimentary colors.



218.6670, 5.0942, -0.5850



250.5700, 2.1840, -0.4999



224.8250, 2.0583, -6.8625



125.3420, 1.3104, -0.2999



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.



218.6670, 5.0942, -0.5850



242.0090, 6.4046, -0.8849



220.4610, 4.2097, 3.1037



107.9120, 3.4944, -0.7998



24.8910, 75.9757, -8.6744



7.0100, 21.6871, -2.6398

Inverse Universe

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



221.8420, 3.0359, 6.2776



246.0810, 3.9041, 7.8220



225.5390, -4.2097, -3.1037



110.1900, 1.8783, 4.2184



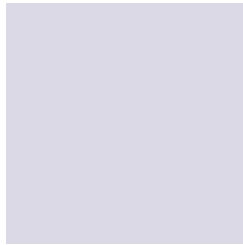
72.2170, 45.2490, 93.6487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 218.6670, 5.0942, -0.5850 looks on a white background.

Color Contrast Check

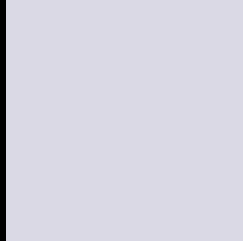
Large Text (above 18pt) WCAG AA × Fail

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 218.6670, 5.0942, -0.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

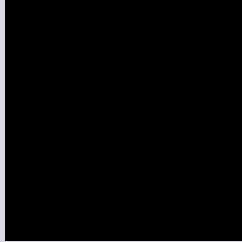
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

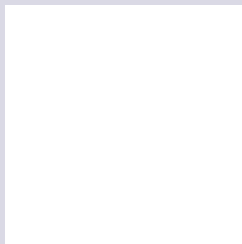
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.6670, 5.0942, -0.5850

Background



This preview shows how black text looks on a background with the YUV color 218.6670, 5.0942, -0.5850.



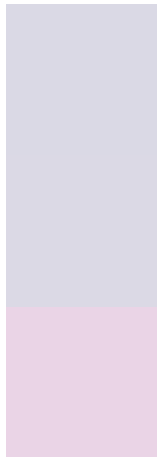
This preview shows how white text looks on a background with the YUV color 218.6670, 5.0942, -0.5850.

-0.5850.

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

218.6670, 5.0942, -0.5850

Protanopia

218.9660, 4.9468, 0.0298

Deuteranopia

220.6300, 4.6194, 11.7255



Tritanopia

218.8350, 6.9833, 0.1447

Trichromacy



Original Color

218.6670, 5.0942, -0.5850

Protanomaly

218.9660, 4.9468, 0.0298

Deuteranomaly

220.0100, 4.9251, 7.0072

Tritanomaly

218.7210, 6.5465, 0.2447

Monochromacy



Original Color

218.6670, 5.0942, -0.5850

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.6670, 5.0942, -0.5850 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(218, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 229)  
}
```

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(218, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 229) }
```

Border

The CSS property to change the border of an element to YUV 218.6670, 5.0942, -0.5850 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(218, 217, 229) }
```


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

```
.border{ border-color:rgb(218, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 218.6670, 5.0942, -0.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 229) }
```

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

```
.background{ background-color: rgb(218,  
217, 229) }
```

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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