

Converting Colors

YUV(212.1380, -5.9840, 6.0180)

Have a look what the booklet for
YUV(212.1380, -5.9840, 6.0180)
contains.

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Color

**YUV(212.1380, -5.9840,
6.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD3C8
RGB	219, 211, 200
RGB Percent	86%, 83%, 78%
CMY	0.1412, 0.1725, 0.2157
CMYK	0.00, 0.04, 0.09, 0.14
HSL	35°, 21%, 82%
HSV	35°, 9%, 86%
XYZ	62.9330, 65.8187, 64.0309
YIQ	212.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

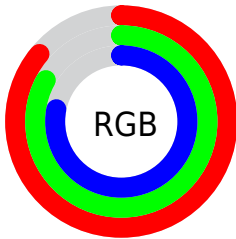
Format	Color
RYB	214, 219, 200
Decimal	14406600
CIELab	84.90, 0.87, 6.41
CIELCh	85, 6.469, 82.310
Yxy	65.8187, 0.3264, 0.3414
Android (android.graphics.Color)	4292596680 (0xFFDBD3C8)
YUV	212.1380, -5.9840, 6.0180
Hunter-Lab	81.1287, -3.5097, 9.9954

Details

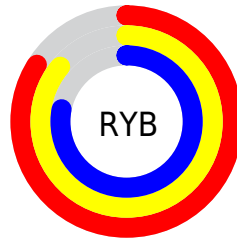
The YUV color $212.1380, -5.9840, 6.0180$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.8620, 5.9840, -6.0180$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $157.8390, -5.8366, 5.4032$ is the 20% darker color. If you saturate the color by 10%, you get $204.3470, -12.9891, 12.8507$, and if you desaturate by 10%, it is $219.9290, 1.0210, -0.8147$.

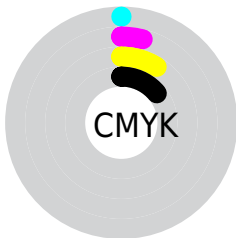
Distribution



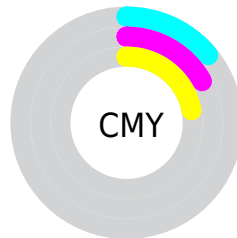
- Red (86%)
- Green (83%)
- Blue (78%)



- Red (84%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1380, -5.9840, 6.0180 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 212.1380, -5.9840, 6.0180 by changing the saturation by 10% instead.

■ 212.1380, -5.9840,
6.0180

■ 212.1380, -5.9840,
6.0180

255.0000, 0.0000,
0.0000

■ 184.2520, -5.5472,
5.9180

■ 157.8390, -5.8366,
5.4032

■ 131.2520, -5.5472,
5.9180

■ 106.0670, -4.9630,
5.2032

■ 82.0670, -4.9630,
5.2032

■ 58.8820, -4.3788,
4.4885

■ 37.5830, -4.2314,

3.8737

■ 16.4970, -7.1470,
5.7031

■ 0.0000, 0.0000,
0.0000

■ 212.1380, -5.9840,
6.0180

■ 212.1380, -5.9840,
6.0180

■ 204.3470,
-12.9891, 12.8507

■ 219.9290, 1.0210,
-0.8147

■ 196.5560,
-19.9941, 19.6834

■ 227.7200, 8.0260,
-7.6474

■ 188.1780,
-26.7098, 27.0309

■ 234.8440, 9.9369,
-13.8952

■ 180.3870,
-33.7148, 33.8636

■ 240.1270, 7.3324,
-18.5284

■ 172.5960,
-40.7198, 40.6963

■ 244.2360, 5.3067,
-22.1320

■ 164.9190,
-47.2881, 47.4290

■ 156.5410,
-54.0037, 54.7765

■ 148.7500,
-61.0087, 61.6093

■ 140.9590,
-68.0138, 68.4420

Harmonies

Analogous

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



212.8010, -4.8319, 9.8215



212.1380, -5.9840, 6.0180



211.3330, -5.0942, 0.5850

Triad

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



212.1380, -5.9840, 6.0180



210.3190, 2.8007, -11.6808



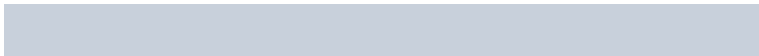
213.2440, 3.3307, 5.0480

Complementary

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



212.1380, -5.9840, 6.0180



206.8620, 5.9840, -6.0180

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.



212.3680, 5.2416, -1.1997



212.1380, -5.9840, 6.0180



210.9000, 4.9793, -10.4363

Square

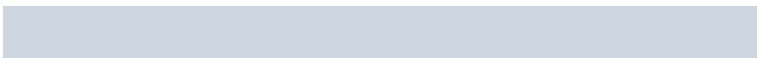
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.1380, -5.9840, 6.0180



210.5320, -0.2623, -9.2366



211.5630, 6.1314, -6.6328



213.4680, 0.2623, 9.2366

Rectangle

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



212.1380, -5.9840, 6.0180



210.6530, -3.7729, -3.2037



211.5630, 6.1314, -6.6328



213.0480, 3.9203, 2.5889

Sweetspot

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



212.1380, -5.9840, 6.0180



252.3270, -2.6262, 2.3442



206.5930, 0.6937, 10.8809



125.5550, -1.7526, 2.1443



0.0000, 0.0000, 0.0000



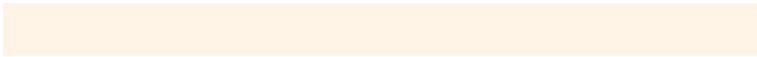
128.0000, 0.0000, 0.0000

Same Dimension

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



212.1380, -5.9840, 6.0180



245.6930, -7.7366, 8.1622



216.5350, -8.1518, 1.2848



105.8110, -3.3578, 3.6738



110.4270, -54.4405, 54.8765



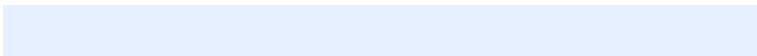
29.6030, -14.5943, 14.3802

Inverse Universe

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



206.8620, 5.9840, -6.0180



238.7200, 8.0260, -7.6474



202.4650, 8.1518, -1.2848



102.6020, 3.6472, -3.1590



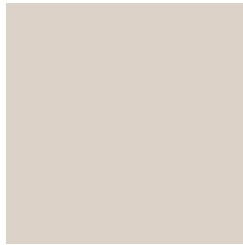
62.5730, 54.4405, -54.8765



16.3970, 14.5943, -14.3802

Previews

White Background



This preview shows how the YUV color 212.1380, -5.9840, 6.0180 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 212.1380, -5.9840, 6.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

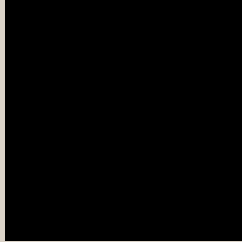
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

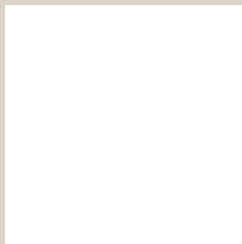
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.1380, -5.9840, 6.0180

Background



This preview shows how black text looks on a background with the YUV color 212.1380, -5.9840, 6.0180.

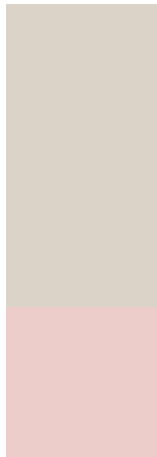


This preview shows how white text looks on a background with the YUV color 212.1380, -5.9840,

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

212.1380, -5.9840, 6.0180

Protanopia

212.1380, -5.9840, 6.0180

Deuteranopia

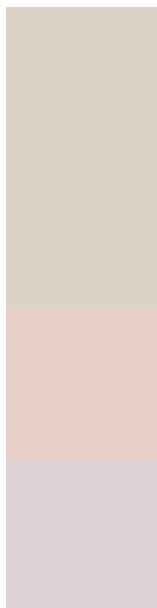
213.8130, -6.3168, 19.4580



Tritanopia

213.4230, 5.2145, 7.5220

Trichromacy



Original Color

212.1380, -5.9840, 6.0180

Protanomaly

212.1380, -5.9840, 6.0180

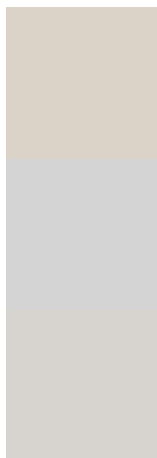
Deuteranomaly

213.1930, -6.0111, 14.7397

Tritanomaly

212.6850, 1.1413, 7.2923

Monochromacy



Original Color

212.1380, -5.9840, 6.0180

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.4410, -2.1894, 2.2442

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1380, -5.9840, 6.0180 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(219, 211, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 200)  
}
```

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(219, 211, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 200) }
```

Border

The CSS property to change the border of an element to YUV 212.1380, -5.9840, 6.0180 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(219, 211, 200) }
```


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

```
.border{ border-color:rgb(219, 211, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 211, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 212.1380, -5.9840, 6.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 200) }
```

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

```
.background{ background-color: rgb(219,  
211, 200) }
```

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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