

Converting Colors

YUV(212.7880, -18.6295,
1.9399)

Have a look what the booklet for
YUV(212.7880, -18.6295, 1.9399)
contains.

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Color

**YUV(212.7880, -18.6295,
1.9399)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DBAF
RGB	215, 219, 175
RGB Percent	84%, 86%, 69%
CMY	0.1569, 0.1412, 0.3137
CMYK	0.02, 0.00, 0.20, 0.14
HSL	65°, 38%, 77%
HSV	65°, 20%, 86%
XYZ	61.0937, 68.2053, 50.5024
YIQ	212.7880, 11.7400, -14.5320

Conversions

Conversions Part 2

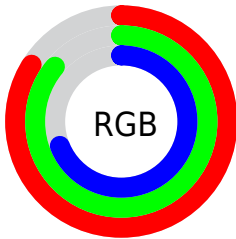
Format	Color
RYB	175, 219, 179
Decimal	14146479
CIELab	86.11, -8.62, 21.23
CIELCh	86, 22.916, 112.086
Yxy	68.2053, 0.3398, 0.3793
Android (android.graphics.Color)	4292336559 (0xFFD7DBAF)
YUV	212.7880, -18.6295, 1.9399
Hunter-Lab	82.5865, -12.4802, 21.5541

Details

The YUV color $212.7880, -18.6295, 1.9399$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $181.2120, 18.6295, -1.9399$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, -10.4832, 2.3995$, and $158.0160, -17.7559, 1.7400$ is the 20% darker color. If you saturate the color by 10%, you get $209.6820, -27.9442, 2.9099$, and if you desaturate by 10%, it is $215.8940, -9.3147, 0.9700$.

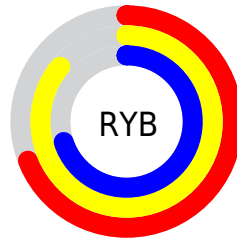
Distribution



Red (84%)

Green (86%)

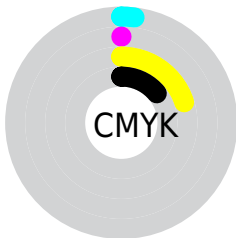
Blue (69%)



Red (69%)

Yellow (86%)

Blue (70%)

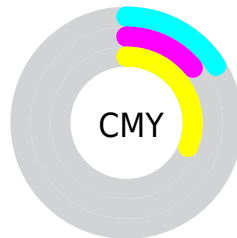


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (14%)



Cyan (16%)

Magenta (14%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7880, -18.6295, 1.9399 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 212.7880, -18.6295, 1.9399 by changing the saturation by 10% instead.

■ 212.7880,
-18.6295, 1.9399

■ 212.7880,
-18.6295, 1.9399

255.0000, 0.0000,
0.0000

■ 184.9020,
-18.1927, 1.8399

■ 252.2640,
-10.4832, 2.3995

■ 158.0160,
-17.7559, 1.7400

■ 131.8310,
-17.1717, 1.0252

■ 106.3580,
-16.4455, 1.4400

■ 82.1730, -15.8613,
0.7253

■ 59.2870, -15.4245,
0.6253

■ 37.1730, -15.8613,

0.7253

■ 17.0890, -8.4249,
-4.4631

■ 0.0000, 0.0000,
0.0000

■ 212.7880,
-18.6295, 1.9399

■ 212.7880,
-18.6295, 1.9399

■ 209.6820,
-27.9442, 2.9099

■ 215.8940, -9.3147,
0.9700

■ 206.5760,
-37.2590, 3.8798

■ 219.0000, 0.0000,
0.0000

■ 203.4700,
-46.5737, 4.8498

■ 222.1060, 9.3147,
-0.9700

■ 200.3640,
-55.8885, 5.8198

■ 224.3000, 15.1351,
-1.1401

■ 197.3720,
-64.7664, 6.6898

■ 224.8980, 14.8403,
0.0895

■ 194.2660,
-74.0811, 7.6597

■ 225.4960, 14.5455,
1.3190

■ 191.1600,
-83.3959, 8.6297

■ 226.0940, 14.2507,
2.5486

■ 188.0540,
-92.7106, 9.5996

■ 226.6920, 13.9558,
3.7781

■ 227.2900, 13.6610,
5.0077

Harmonies

Analogous

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



215.3280, -20.8677, 19.8833



212.7880, -18.6295, 1.9399



210.3170, -11.0023, -17.8180

Triad

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



212.7880, -18.6295, 1.9399



208.8990, 19.7698, -41.1304



219.5400, 1.2128, 31.0984

Complementary

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



212.7880, -18.6295, 1.9399



181.2120, 18.6295, -1.9399

Split Complementary

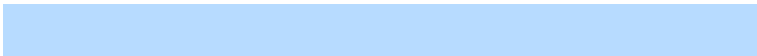
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.0850, 11.2971, 16.5885



212.7880, -18.6295, 1.9399



212.3400, 21.0314, -25.7312

Square

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



212.7880, -18.6295, 1.9399



207.1130, 11.7763, -43.9491



216.9020, 18.7823, -4.2991



217.0320, -8.3968, 33.2979

Rectangle

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



212.7880, -18.6295, 1.9399



208.4880, -3.6916, -29.3690



216.9020, 18.7823, -4.2991



219.7290, 4.5706, 27.4247

Sweetspot

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



212.7880, -18.6295, 1.9399



252.9910, -6.4046, 0.8849



190.5040, -7.6435, 24.9910



126.6750, -3.7838, 0.2850



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.



212.7880, -18.6295, 1.9399



246.2520, -25.7602, 2.4100



206.2100, -15.3865, -11.5852



108.4470, -4.6574, 0.4850



148.7930, -73.3549, 8.0745



39.5600, -19.5031, 2.1399

Inverse Universe

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



181.2120, 18.6295, -1.9399



202.4490, 25.9076, -3.0248



187.7900, 15.3865, 11.5852



100.5530, 4.6574, -0.4850



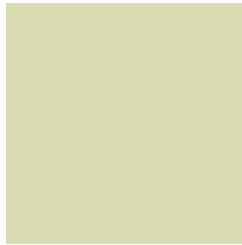
24.5060, 73.2075, -7.4598



6.4400, 19.5031, -2.1399

Previews

White Background



This preview shows how the YUV color 212.7880, -18.6295, 1.9399 looks on a white background.

Color Contrast Check

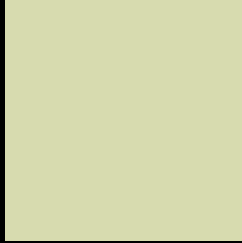
Large Text (above 18pt) WCAG AA × Fail

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 212.7880, -18.6295, 1.9399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

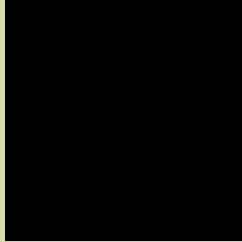
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

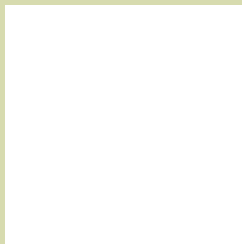
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.7880, -18.6295, 1.9399

Background



This preview shows how black text looks on a background with the YUV color 212.7880, -18.6295, 1.9399.



This preview shows how white text looks on a background with the YUV color 212.7880, -18.6295, 1.9399.

1.9399.

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

212.7880, -18.6295, 1.9399

Protanopia

214.0990, -20.2618, 12.1912

Deuteranopia

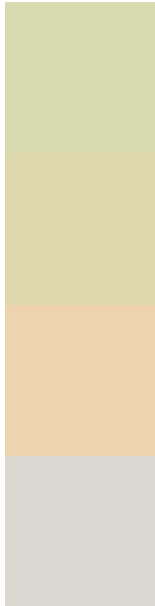
216.1380, -19.2950, 28.8200



Tritanopia

216.8140, 5.5147, 4.5481

Trichromacy



Original Color

212.7880, -18.6295, 1.9399

Protanomaly

213.3050, -19.3774, 8.5025

Deuteranomaly

214.7840, -19.1205, 19.4834

Tritanomaly

215.5120, -3.2104, 3.0590

Monochromacy



Original Color

212.7880, -18.6295, 1.9399

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8770, -6.8414, 0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7880, -18.6295, 1.9399 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(215, 219, 175)` looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 175)  
}
```

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(215, 219, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 175) }
```

Border

The CSS property to change the border of an element to YUV 212.7880, -18.6295, 1.9399 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(215, 219, 175) }
```


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

```
.border{ border-color:rgb(215, 219, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 219, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 219, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 219, 175); box-shadow:4px 4px 4px 4px rgb(215, 219, 175) }
```

Background

The CSS property to change the background color of an element to YUV 212.7880, -18.6295, 1.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 175) }
```

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

```
.background{ background-color: rgb(215,  
219, 175) }
```

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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