

Converting Colors

YUV(218.2610, -19.3557,
1.5251)

Have a look what the booklet for
YUV(218.2610, -19.3557, 1.5251)
contains.

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Color

**YUV(218.2610, -19.3557,
1.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE1B3
RGB	220, 225, 179
RGB Percent	86%, 88%, 70%
CMY	0.1373, 0.1176, 0.2980
CMYK	0.02, 0.00, 0.20, 0.12
HSL	67°, 43%, 79%
HSV	67°, 20%, 88%
XYZ	64.5771, 72.3207, 53.2035
YIQ	218.2610, 11.7860, -15.3660

Conversions

Conversions Part 2

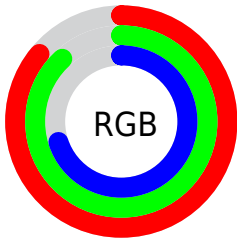
Format	Color
RYB	179, 225, 184
Decimal	14475699
CIELab	88.12, -9.25, 21.99
CIELCh	88, 23.859, 112.802
Yxy	72.3207, 0.3397, 0.3804
Android (android.graphics.Color)	4292665779 (0xFFDCE1B3)
YUV	218.2610, -19.3557, 1.5251
Hunter-Lab	85.0416, -13.2772, 22.4362

Details

The YUV color $218.2610, -19.3557, 1.5251$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $185.7390, 19.3557, -1.5251$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.7200, -8.7360, 1.9996$, and $163.4890, -18.4821, 1.3251$ is the 20% darker color. If you saturate the color by 10%, you get $215.0410, -29.1072, 2.5950$, and if you desaturate by 10%, it is $221.3670, -10.0409, 0.5551$.

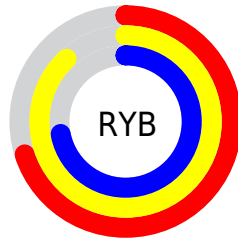
Distribution



Red (86%)

Green (88%)

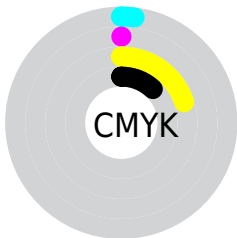
Blue (70%)



Red (70%)

Yellow (88%)

Blue (72%)

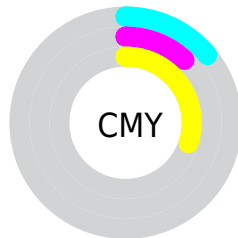


Cyan (2%)

Magenta (0%)

Yellow (20%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.2610, -19.3557, 1.5251 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 218.2610, -19.3557, 1.5251 by changing the saturation by 10% instead.

■ 218.2610,
-19.3557, 1.5251

■ 218.2610,
-19.3557, 1.5251

255.0000, 0.0000,
0.0000

■ 190.3750,
-18.9189, 1.4251

■ 252.7200, -8.7360,
1.9996

■ 163.4890,
-18.4821, 1.3251

■ 136.7170,
-17.6085, 1.1252

■ 111.5320,
-17.0243, 0.4104

■ 86.6460, -16.5875,
0.3105

■ 63.7600, -16.1507,
0.2105

■ 40.8740, -15.7139,

0.1105

■ 21.5300, -10.6143,
-2.2188

■ 0.0000, 0.0000,
0.0000

■ 218.2610,
-19.3557, 1.5251

■ 218.2610,
-19.3557, 1.5251

■ 215.0410,
-29.1072, 2.5950

■ 221.3670,
-10.0409, 0.5551

■ 211.6360,
-38.2745, 2.9502

■ 224.8860, -0.4368,
0.1000

■ 208.4160,
-48.0261, 4.0202

■ 227.9920, 8.8779,
-0.8700

■ 205.0110,
-57.1934, 4.3754

■ 229.9150, 12.3669,
0.0745

■ 201.7910,
-66.9450, 5.4453

■ 230.5130, 12.0721,
1.3041

■ 198.3860,
-76.1123, 5.8005

■ 231.4100, 11.6299,
3.1484

■ 195.1660,
-85.8638, 6.8704

■ 232.0080, 11.3351,
4.3780

■ 192.1740,
-94.7418, 7.7404

■ 232.9050, 10.8928,
6.2223

■ 233.5030, 10.5980,
7.4519

Harmonies

Analogous

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



220.9860, -22.1781, 20.1833



218.2610, -19.3557, 1.5251



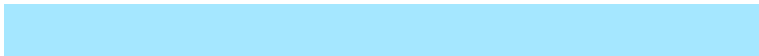
215.6050, -11.1443, -18.9476

Triad

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



218.2610, -19.3557, 1.5251



214.0020, 20.2120, -42.9748



223.0450, 1.9498, 28.0245

Complementary

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



218.2610, -19.3557, 1.5251



185.7390, 19.3557, -1.5251

Split Complementary

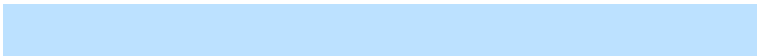
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.9110, 11.8759, 17.6181



218.2610, -19.3557, 1.5251



217.3570, 18.5580, -25.7461

Square

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



218.2610, -19.3557, 1.5251



212.0310, 12.8027, -46.5082



221.6310, 16.4509, -3.1844



220.4230, -8.0965, 30.3240

Rectangle

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



218.2610, -19.3557, 1.5251



213.5910, -3.2494, -31.2133



221.6310, 16.4509, -3.1844



223.9570, 5.4442, 27.2247

Sweetspot

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



218.2610, -19.3557, 1.5251



252.6920, -6.2572, 0.2701



195.6890, -8.2277, 25.7057



126.6750, -3.7838, 0.2850



0.0000, 0.0000, 0.0000



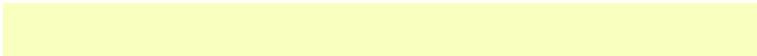
128.0000, 0.0000, 0.0000

Same Dimension

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



218.2610, -19.3557, 1.5251



245.6110, -26.9232, 2.0952



211.3840, -15.9653, -12.6148



110.4470, -4.6574, 0.4850



150.2550, -74.0757, 5.9154



41.0330, -20.2293, 1.7251

Inverse Universe

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



185.7390, 19.3557, -1.5251



200.3890, 26.9232, -2.0952



192.6160, 15.9653, 12.6148



102.5530, 4.6574, -0.4850



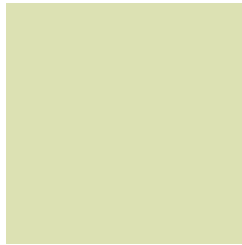
25.7450, 74.0757, -5.9154



6.9670, 20.2293, -1.7251

Previews

White Background



This preview shows how the YUV color 218.2610, -19.3557, 1.5251 looks on a white background.

Color Contrast Check

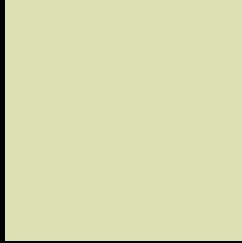
Large Text (above 18pt) WCAG AA × Fail

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 218.2610, -19.3557, 1.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

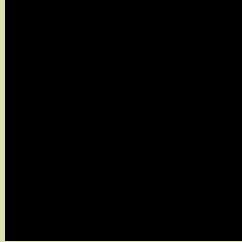
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

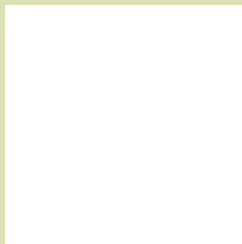
Any Text WCAG AAA ✓ Pass

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

YUV 218.2610, -19.3557, 1.5251 Background



This preview shows how black text looks on a background with the YUV color 218.2610, -19.3557, 1.5251.



This preview shows how white text looks on a background with the YUV color 218.2610, -19.3557, 1.5251.

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

218.2610, -19.3557, 1.5251

Protanopia

219.5830, -20.9934, 13.5207

Deuteranopia

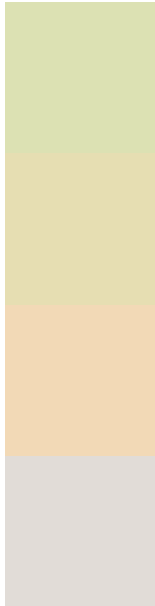
222.1380, -19.2950, 28.8200



Tritanopia

222.3410, 6.2409, 4.9629

Trichromacy



Original Color

218.2610, -19.3557, 1.5251

Protanomaly

219.3760, -20.3984, 9.3172

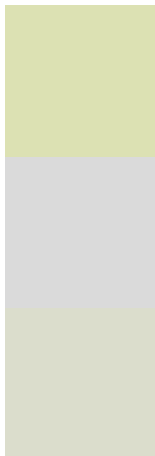
Deuteranomaly

220.4850, -18.9731, 18.8687

Tritanomaly

220.9250, -2.9210, 3.5738

Monochromacy



Original Color

218.2610, -19.3557, 1.5251

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.4640, -7.1308, 0.4701

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.2610, -19.3557, 1.5251 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(220, 225, 179)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 179)  
}
```

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(220, 225, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 179) }
```

Border

The CSS property to change the border of an element to YUV 218.2610, -19.3557, 1.5251 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(220, 225, 179) }
```


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

```
.border{ border-color:rgb(220, 225, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 225, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 225, 179); box-shadow:4px 4px 4px 4px rgb(220, 225, 179) }
```

Background

The CSS property to change the background color of an element to YUV 218.2610, -19.3557, 1.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 179) }
```

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

```
.background{ background-color: rgb(220,  
225, 179) }
```

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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