

Converting Colors

YUV(178.9420, -25.6074,
0.0509)

Have a look what the booklet for
YUV(178.9420, -25.6074, 0.0509)
contains.

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Color

**YUV(178.9420, -25.6074,
0.0509)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BD7F
RGB	179, 189, 127
RGB Percent	70%, 74%, 50%
CMY	0.2980, 0.2588, 0.5020
CMYK	0.05, 0.00, 0.33, 0.26
HSL	70°, 32%, 62%
HSV	70°, 33%, 74%
XYZ	40.6188, 47.5112, 27.1084
YIQ	178.9420, 13.9420, -21.4020

Conversions

Conversions Part 2

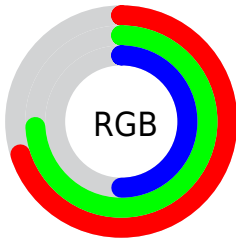
Format	Color
RYB	127, 189, 137
Decimal	11779455
CIELab	74.52, -13.54, 30.24
CIELCh	75, 33.134, 114.113
Yxy	47.5112, 0.3525, 0.4123
Android (android.graphics.Color)	4289969535 (0xFFB3BD7F)
YUV	178.9420, -25.6074, 0.0509
Hunter-Lab	68.9284, -15.4365, 24.9321

Details

The YUV color $178.9420, -25.6074, 0.0509$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $137.0580, 25.6074, -0.0509$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.6000, -26.9178, 0.3508$, and $125.9850, -24.1496, -0.8638$ is the 20% darker color. If you saturate the color by 10%, you get $175.8790, -33.4643, 0.1061$, and if you desaturate by 10%, it is $182.0050, -17.7505, -0.0044$.

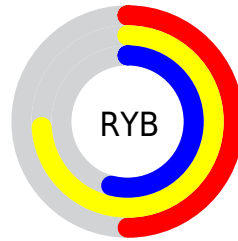
Distribution



Red (70%)

Green (74%)

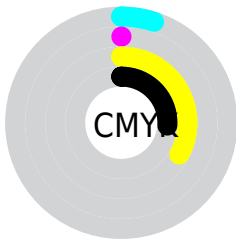
Blue (50%)



Red (50%)

Yellow (74%)

Blue (54%)

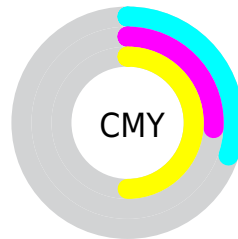


Cyan (5%)

Magenta (0%)

Yellow (33%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9420, -25.6074, 0.0509 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 178.9420, -25.6074, 0.0509 by changing the saturation by 10% instead.

■ 178.9420,
-25.6074, 0.0509

■ 178.9420,
-25.6074, 0.0509

■ 255.0000, 0.0000,
0.0000

■ 152.1700,
-24.7338, -0.1491

■ 234.6000,
-26.9178, 0.3508

■ 125.9850,
-24.1496, -0.8638

■ 249.6420,
-20.5295, 4.6990

■ 100.5120,
-23.4234, -0.4490

■ 252.8340, -8.2992,
1.8996

■ 76.3270, -22.8392,
-1.1638

■ 52.9140, -23.1286,
-1.6786

■ 32.7380, -16.1398,
-3.2782

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 178.9420,
-25.6074, 0.0509

■ 178.9420,
-25.6074, 0.0509

■ 175.8790,
-33.4643, 0.1061

■ 182.0050,
-17.7505, -0.0044

■ 172.8160,
-41.3213, 0.1614

■ 185.0680, -9.8935,
-0.0596

■ 169.7530,
-49.1782, 0.2166

■ 188.1310, -2.0366,
-0.1149

■ 166.6900,
-57.0352, 0.2719

■ 191.1940, 5.8204,
-0.1701

■ 163.6270,
-64.8921, 0.3271

■ 194.2570, 13.6773,
-0.2254

■ 160.6780,
-72.3123, 0.2824

■ 197.2060, 21.0974,
-0.1807

■ 158.4840,
-78.1326, 0.4525

■ 199.8130, 27.2072,
0.1640

■ 200.7100, 26.7650,
2.0083

■ 201.6070, 26.3227,
3.8527

Harmonies

Analogous

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



181.8850, -29.0303, 24.6569



178.9420, -25.6074, 0.0509



174.8660, -13.7379, -27.0695

Triad

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



178.9420, -25.6074, 0.0509



169.3070, 30.9076, -66.9212



187.7420, 1.6062, 44.9533

Complementary

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



178.9420, -25.6074, 0.0509



137.0580, 25.6074, -0.0509

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.



187.5790, 15.4906, 24.9252



178.9420, -25.6074, 0.0509



178.1240, 31.9839, -38.6967

Square

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



178.9420, -25.6074, 0.0509



165.8150, 20.3042, -72.6288



185.2530, 26.4973, -5.4839



186.2900, -12.9610, 50.6117

Rectangle

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



178.9420, -25.6074, 0.0509



171.6170, -2.7692, -45.2681



185.2530, 26.4973, -5.4839



187.6750, 6.5692, 39.7500

Sweetspot

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



178.9420, -25.6074, 0.0509



240.9540, -10.3303, 0.0403



150.8210, -11.7438, 33.4830



119.8060, -5.8204, 0.1701



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



178.9420, -25.6074, 0.0509



229.2720, -39.5741, -0.2385



169.9720, -21.1852, -18.3924



92.6750, -3.7838, 0.2850



132.5130, -65.3289, 0.4271



25.9710, -12.8037, 0.0254

Inverse Universe

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



137.0580, 25.6074, -0.0509



164.7280, 39.5741, 0.2385



146.0280, 21.1852, 18.3924



86.3250, 3.7838, -0.2850



25.7860, 65.1815, 0.1877



5.0290, 12.8037, -0.0254

Previews

White Background



This preview shows how the YUV color 178.9420, -25.6074, 0.0509 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 178.9420, -25.6074, 0.0509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

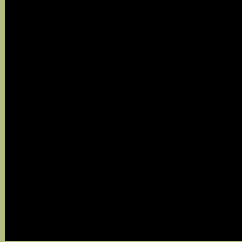
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.9420, -25.6074, 0.0509

Background



This preview shows how black text looks on a background with the YUV color 178.9420, -25.6074, 0.0509.



This preview shows how white text looks on a background with the YUV color 178.9420, -25.6074,

0.0509.

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

178.9420, -25.6074, 0.0509

Protanopia

180.8730, -27.5454, 15.0204

Deuteranopia

182.7270, -25.9944, 30.9344



Tritanopia

184.6890, 5.0833, 2.9037

Trichromacy



Original Color

178.9420, -25.6074, 0.0509

Protanomaly

180.0680, -26.6555, 9.5874

Deuteranomaly

181.3620, -25.8145, 19.8535

Tritanomaly

182.7030, -6.2626, 2.0145

Monochromacy



Original Color

178.9420, -25.6074, 0.0509

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1820, -9.4567, -0.1596

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9420, -25.6074, 0.0509 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(179, 189, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 127)  
}
```

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(179, 189, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 127) }
```

Border

The CSS property to change the border of an element to YUV 178.9420, -25.6074, 0.0509 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(179, 189, 127) }
```


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

```
.border{ border-color:rgb(179, 189, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 178.9420, -25.6074, 0.0509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 127) }
```

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

```
.background{ background-color: rgb(179,  
189, 127) }
```

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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