

Converting Colors

YUV(150.7060, 15.9209,
-19.9132)

Have a look what the booklet for
YUV(150.7060, 15.9209, -19.9132)
contains.

| | |
|--|----|
| YUV(150.7060, 15.9209, -19.9132) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(150.7060, 15.9209,
-19.9132)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 809CB7 |
| RGB | 128, 156, 183 |
| RGB Percent | 50%, 61%, 72% |
| CMY | 0.4980, 0.3882, 0.2824 |
| CMYK | 0.30, 0.15, 0.00, 0.28 |
| HSL | 209°, 28%, 61% |
| HSV | 209°, 30%, 72% |
| XYZ | 29.3378, 31.7850, 49.3886 |
| YIQ | 150.7060, -25.3550, 2.4610 |

Conversions

Conversions Part 2

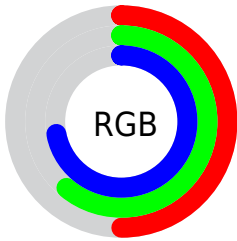
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 128, 147, 183 |
| Decimal | 8428727 |
| CIE Lab | 63.16, -3.32, -17.18 |
| CIE LCh | 63, 17.495, 259.065 |
| Yxy | 31.7850, 0.2655, 0.2876 |
| Android (android.graphics.Color) | 4286618807 (0xFF809CB7) |
| YUV | 150.7060, 15.9209, -19.9132 |
| Hunter-Lab | 56.3782, -5.7750, -12.4746 |

Details

The YUV color $150.7060, 15.9209, -19.9132$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $160.2940, -15.9209, 19.9132$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.9340, 16.7945, -20.1131$, and $99.4780, 15.0473, -19.7132$ is the 20% darker color. If you saturate the color by 10%, you get $140.0410, 21.1788, -26.3460$, and if you desaturate by 10%, it is $161.3710, 10.6631, -13.4804$.

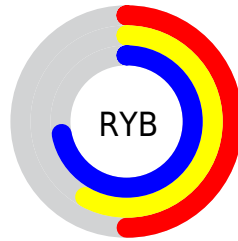
Distribution



Red (50%)

Green (61%)

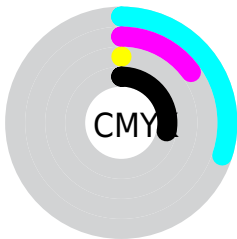
Blue (72%)



Red (50%)

Yellow (58%)

Blue (72%)

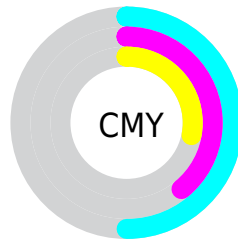


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7060, 15.9209, -19.9132 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 150.7060, 15.9209, -19.9132 by changing the saturation by 10% instead.

■ 150.7060, 15.9209,
-19.9132

■ 150.7060, 15.9209,
-19.9132

■ 255.0000, 0.0000,
0.0000

■ 124.5920, 15.4841,
-19.8132

■ 204.9340, 16.7945,
-20.1131

■ 99.4780, 15.0473,
-19.7132

■ 232.1530, 11.2636,
-19.4282

■ 75.0650, 14.7580,
-20.2280

■ 250.2160, 2.3585,
-9.8364

■ 51.6520, 14.4686,
-20.7428

■ 27.7440, 14.9162,
-24.3315

■ 12.9090, 11.3839,
-11.3212

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 150.7060, 15.9209,
-19.9132

■ 150.7060, 15.9209,
-19.9132

■ 140.0410, 21.1788,
-26.3460

■ 161.3710, 10.6631,
-13.4804

■ 129.0770, 26.5840,
-33.3935

■ 172.3350, 5.2578,
-6.4328

■ 118.4120, 31.8419,
-39.8263

■ 183.0000, 0.0000,
0.0000

■ 107.7470, 37.0997,
-46.2591

■ 193.6650, -5.2578,
6.4328

■ 96.7830, 42.5050,
-53.3067

■ 204.3300,
-10.5157, 12.8656

■ 86.1180, 47.7628,
-59.7395

■ 215.2940,
-15.9209, 19.9132

■ 75.4530, 53.0207,
-66.1723

■ 225.6600,
-21.0314, 25.7312

■ 230.9430,
-23.6359, 21.0980

■ 236.2260,
-26.2404, 16.4648

Harmonies

Analogous

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



148.0700, 13.7695, -29.8794



150.7060, 15.9209, -19.9132



153.6370, 13.9830, -4.9436

Triad

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



150.7060, 15.9209, -19.9132



154.9710, -5.9017, 26.3354



149.3440, -8.5506, -10.8257

Complementary

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



150.7060, 15.9209, -19.9132



160.2940, -15.9209, 19.9132

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.



151.0530, -13.8301, 2.5845



150.7060, 15.9209, -19.9132



154.3530, -12.0060, 24.2464

Square

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



150.7060, 15.9209, -19.9132



155.5990, 1.6767, 22.2767



152.9020, -14.7417, 14.9949



147.9170, -0.9451, -23.6062

Rectangle

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



150.7060, 15.9209, -19.9132



154.9050, 10.8928, 6.2223



152.9020, -14.7417, 14.9949



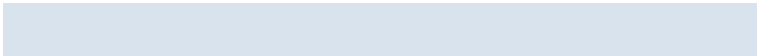
149.7960, -10.7454, -6.8371

Sweetspot

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



150.7060, 15.9209, -19.9132



224.8510, 5.9895, -7.7623



163.3630, -4.1230, -31.0134



112.0040, 3.9420, -4.3885



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



150.7060, 15.9209, -19.9132



186.9310, 24.6840, -30.6345



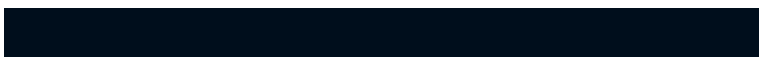
134.8570, 23.7345, -6.0136



86.3740, 2.7736, -2.9590



64.1570, 45.2786, -56.2657



11.4100, 8.1789, -10.0066

Inverse Universe

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



147.6370, 4.1230, 31.0134



182.3170, 6.2527, 47.9570



176.1430, -23.7345, 6.0136



86.1470, 0.4205, 5.1331



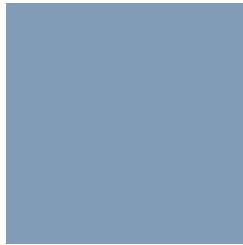
55.6500, 11.5115, 88.0069



9.9680, 1.9878, 15.8141

Previews

White Background



This preview shows how the YUV color 150.7060, 15.9209, -19.9132 looks on a white background.

Color Contrast Check

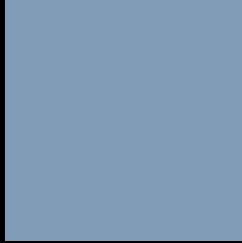
Large Text (above 18pt) WCAG AA × Fail

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 150.7060, 15.9209, -19.9132 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

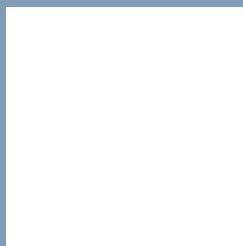
Any Text WCAG AAA ✓ Pass

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

YUV 150.7060, 15.9209, -19.9132 Background



This preview shows how black text looks on a background with the YUV color 150.7060, 15.9209, -19.9132.



This preview shows how white text looks on a background with the YUV color 150.7060, 15.9209, -19.9132.

-19.9132.

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

150.7060, 15.9209, -19.9132

Protanopia

153.1100, 13.2568, -5.3585

Deuteranopia

153.5880, 14.9931, -2.2697



Tritanopia

149.6150, 10.5428, -21.5874

Trichromacy



Original Color

150.7060, 15.9209, -19.9132

Protanomaly

152.3050, 14.1466, -10.7915

Deuteranomaly

152.9570, 15.3042, -8.7323

Tritanomaly

149.7830, 12.4320, -20.8577

Monochromacy



Original Color

150.7060, 15.9209, -19.9132

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1500, 5.8421, -7.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7060, 15.9209, -19.9132 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(128, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 183)  
}
```

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(128, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 183) }
```

Border

The CSS property to change the border of an element to YUV 150.7060, 15.9209, -19.9132 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(128, 156, 183) }
```


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

```
.border{ border-color:rgb(128, 156, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 156, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 156, 183); box-shadow:4px 4px 4px 4px rgb(128, 156, 183) }
```

Background

The CSS property to change the background color of an element to YUV 150.7060, 15.9209, -19.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 183) }
```

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

```
.background{ background-color: rgb(128,  
156, 183) }
```

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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