

Converting Colors

YUV(65.2120, 19.1225, 73.4821)

Have a look what the booklet for
YUV(65.2120, 19.1225, 73.4821)
contains.

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Color

**YUV(65.2120, 19.1225,
73.4821)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 950F68 |
| RGB | 149, 15, 104 |
| RGB Percent | 58%, 6%, 41% |
| CMY | 0.4157, 0.9412, 0.5922 |
| CMYK | 0.00, 0.90, 0.30, 0.42 |
| HSL | 320°, 82%, 32% |
| HSV | 320°, 90%, 58% |
| XYZ | 15.0639, 7.7307, 13.7949 |
| YIQ | 65.2120, 51.2950, 56.0870 |

Conversions

Conversions Part 2

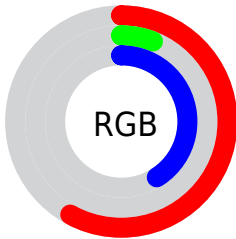
| Format | Color |
|-------------------------------------|--|
| RYB | 149, 15, 104 |
| Decimal | 9768808 |
| CIELab | 33.42, 57.59, -15.25 |
| CIELCh | 33, 59.572, 345.167 |
| Yxy | 7.7307, 0.4117, 0.2113 |
| Android (android.graphics.Color) | 4287958888 (0xFF950F68) |
| YUV | 65.2120, 19.1225, 73.4821 |
| Hunter-Lab | 27.8041, 48.0520, -9.9537 |

Details

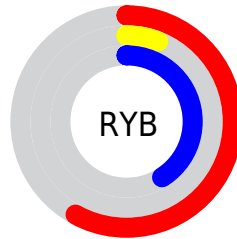
The YUV color **65.2120, 19.1225, 73.4821** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **98.7880, -19.1225, -73.4821**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5230, 14.0392, 70.5783**, and **34.3050, 11.1886, 51.4755** is the 20% darker color. If you saturate the color by 10%, you get **55.8370, 21.2794, 81.7040**, and if you desaturate by 10%, it is **74.5870, 16.9656, 65.2602**.

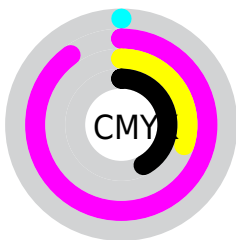
Distribution



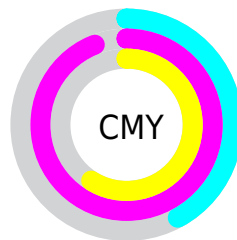
- Red (58%)
- Green (6%)
- Blue (41%)



- Red (58%)
- Yellow (6%)
- Blue (41%)



- Cyan (0%)
- Magenta (90%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (94%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.2120, 19.1225, 73.4821 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 65.2120, 19.1225, 73.4821 by changing the saturation by 10% instead.

65.2120, 19.1225,
73.4821

65.2120, 19.1225,
73.4821

255.0000, 0.0000,
0.0000

45.2990, 17.1076,
66.3898

126.5230, 14.0392,
70.5783

34.3050, 11.1886,
51.4755

155.0070, 13.3075,
71.9079

24.0230, 5.4117,
37.6908

180.0170, 14.7816,
65.7601

13.5130, -1.2389,
24.1061

199.6450, 18.9090,
48.5463

0.0000, 0.0000,
0.0000

218.0190, 18.2316,
32.4323

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

65.2120, 19.1225,
73.4821

65.2120, 19.1225,
73.4821

55.8370, 21.2794,
81.7040

74.5870, 16.9656,
65.2602

83.9620, 14.8087,
57.0383

93.3370, 12.6519,
48.8165

102.7120, 10.4950,
40.5946

112.0870, 8.3381,
32.3727

■ 120.8750, 6.4706,
24.6656

■ 130.2500, 4.3137,
16.4438

■ 139.6250, 2.1569,
8.2219

■ 149.0000, 0.0000,
0.0000

Harmonies

Analogous

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



79.4600, 32.8042, 25.0296



65.2120, 19.1225, 73.4821



56.3870, 0.3022, 89.9916

Triad

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



65.2120, 19.1225, 73.4821



71.7330, -35.3644, 2.8652



73.4690, 35.2648, -64.4323

Complementary

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



65.2120, 19.1225, 73.4821



98.7880, -19.1225, -73.4821

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.



69.1540, 16.1931, -60.6481



65.2120, 19.1225, 73.4821



54.5910, -26.9134, -47.8763

Square

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



65.2120, 19.1225, 73.4821



74.6000, -36.7778, 36.3078



62.9810, -4.9206, -55.2343



72.9110, 48.3579, -63.9429

Rectangle

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



65.2120, 19.1225, 73.4821



66.7230, -19.5834, 74.7879



62.9810, -4.9206, -55.2343



72.5740, 29.2970, -63.6474

Sweetspot

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



65.2120, 19.1225, 73.4821



160.8370, 7.4754, 29.0840



43.7310, 51.8976, 14.2679



77.5490, 4.1663, 17.0585



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



65.2120, 19.1225, 73.4821



72.7120, 27.7500, 106.3696



57.5740, -10.1430, 80.1806



69.5490, 0.7153, 3.9035



51.6360, 19.4065, 75.7412



3.7880, 1.5835, 5.4479

Inverse Universe

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



65.2120, 19.1225, 73.4821



72.7120, 27.7500, 106.3696



106.4260, 10.1430, -80.1806



69.5490, 0.7153, 3.9035



51.6360, 19.4065, 75.7412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 65.2120, 19.1225, 73.4821 looks on a white 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

Black Background



This preview shows how the YUV color 65.2120, 19.1225, 73.4821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

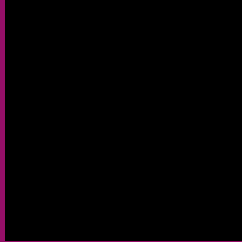
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.2120, 19.1225, 73.4821

Background



This preview shows how black text looks on a background with the YUV color 65.2120, 19.1225, 73.4821.



This preview shows how white text looks on a background with the YUV color 65.2120, 19.1225,

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

65.2120, 19.1225, 73.4821

Protanopia

76.4830, 34.2719, -25.8566

Deuteranopia

81.3510, 7.7150, -1.1848



Tritanopia

73.7260, -14.1619, 62.5073

Trichromacy



Original Color

65.2120, 19.1225, 73.4821

Protanomaly

72.3350, 28.9218, 10.2302

Deuteranomaly

75.6670, 11.9962, 25.7250

Tritanomaly

70.5490, -2.2427, 66.1705

Monochromacy



Original Color

65.2120, 19.1225, 73.4821

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.2990, 6.7546, 26.9248

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2120, 19.1225, 73.4821 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(149, 15, 104)` looks like.

```
.text, #text, p{  
    color:rgb(149, 15, 104)  
}
```

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(149, 15, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 15, 104) }
```

Border

The CSS property to change the border of an element to YUV 65.2120, 19.1225, 73.4821 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(149, 15, 104) }
```


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

```
.border{ border-color:rgb(149, 15, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 15, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 15, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 15, 104);  
box-shadow:4px 4px 4px 4px rgb(149, 15,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 65.2120, 19.1225, 73.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 15, 104) }
```

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

```
.background{ background-color: rgb(149, 15,  
104) }
```

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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