

Converting Colors

YUV(63.5520, 6.6299, 67.0449)

Have a look what the booklet for
YUV(63.5520, 6.6299, 67.0449)
contains.

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Color

**YUV(63.5520, 6.6299,
67.0449)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8C164D |
| RGB | 140, 22, 77 |
| RGB Percent | 55%, 9%, 30% |
| CMY | 0.4510, 0.9137, 0.6980 |
| CMYK | 0.00, 0.84, 0.45, 0.45 |
| HSL | 332°, 73%, 32% |
| HSV | 332°, 84%, 55% |
| XYZ | 12.4417, 6.6851, 7.6558 |
| YIQ | 63.5520, 52.6730, 42.1210 |

Conversions

Conversions Part 2

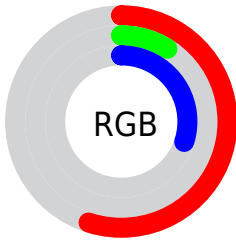
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 140, 22, 77 |
| Decimal | 9180749 |
| CIE _{Lab} | 31.08, 50.95, -1.38 |
| CIE _{LCh} | 31, 50.965, 358.451 |
| Yxy | 6.6851, 0.4645, 0.2496 |
| Android (android.graphics.Color) | 4287370829 (0xFF8C164D) |
| YUV | 63.5520, 6.6299, 67.0449 |
| Hunter-Lab | 25.8555, 40.6470, 0.5432 |

Details

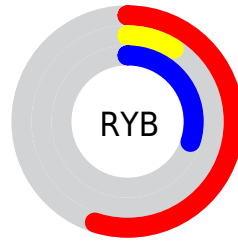
The YUV color **63.5520, 6.6299, 67.0449** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **98.4480, -6.6299, -67.0449**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1130, 2.4093, 67.4299**, and **28.8780, 2.0321, 48.3420** is the 20% darker color. If you saturate the color by 10%, you get **54.5360, 7.6238, 74.9519**, and if you desaturate by 10%, it is **72.5680, 5.6360, 59.1379**.

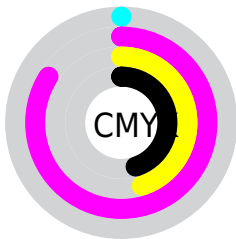
Distribution



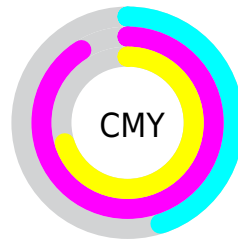
- Red (55%)
- Green (9%)
- Blue (30%)



- Red (55%)
- Yellow (9%)
- Blue (30%)



- Cyan (0%)
- Magenta (84%)
- Yellow (45%)
- Black (45%)



- Cyan (45%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.5520, 6.6299, 67.0449 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 63.5520, 6.6299, 67.0449 by changing the saturation by 10% instead.

63.5520, 6.6299,
67.0449

63.5520, 6.6299,
67.0449

255.0000, 0.0000,
0.0000

39.6440, 7.0775,
63.4562

121.1130, 2.4093,
67.4299

28.8780, 2.0321,
48.3420

148.5970, 1.6777,
68.7594

19.0800, -4.4764,
35.8868

175.7820, 1.0935,
69.4742

7.5890, -3.2484,
15.2694

195.4100, 5.2209,
52.2604

0.0000, 0.0000,
0.0000

215.0380, 9.3483,
35.0467

234.4550, 10.1287,

18.0180

251.4780, 1.7363,
3.0888

63.5520, 6.6299,
67.0449

63.5520, 6.6299,
67.0449

54.5360, 7.6238,
74.9519

72.5680, 5.6360,
59.1379

49.2700, 7.7549,
79.5702

81.6980, 5.0789,
51.1309

90.7140, 4.0850,
43.2238

99.8440, 3.5279,
35.2168

108.8600, 2.5340,
27.3098

■ 117.9900, 1.9769,
19.3028

■ 127.0060, 0.9830,
11.3957

■ 136.1360, 0.4260,
3.3887

■ 145.1520, -0.5679,
-4.5183

Harmonies

Analogous

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



72.5730, 21.4095, 39.8395



63.5520, 6.6299, 67.0449



64.6770, -13.1518, 65.1813

Triad

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



63.5520, 6.6299, 67.0449



63.6820, -31.3952, -10.2451



67.1430, 36.4115, -58.8844

Complementary

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



63.5520, 6.6299, 67.0449



98.4480, -6.6299, -67.0449

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.



65.3700, 22.0026, -57.3295



63.5520, 6.6299, 67.0449



54.2610, -12.9467, -47.5869

Square

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



63.5520, 6.6299, 67.0449



69.1850, -34.1082, 20.0088



60.8100, 4.5307, -53.3304



63.9290, 44.4050, -56.0657

Rectangle

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



63.5520, 6.6299, 67.0449



67.4140, -27.8121, 54.0109



60.8100, 4.5307, -53.3304



67.4050, 32.3383, -59.1142

Sweetspot

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



63.5520, 6.6299, 67.0449



151.8490, 2.5394, 25.5654



54.2890, 42.2555, 26.9335



73.8540, 1.5510, 15.9140



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



63.5520, 6.6299, 67.0449



63.6950, 10.0104, 102.8765



59.6300, -18.5516, 70.4845



64.4350, 0.2785, 4.0035



46.8350, 7.4763, 75.5667



1.7230, 0.1366, 2.8739

Inverse Universe

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



63.5520, 6.6299, 67.0449



63.6950, 10.0104, 102.8765



102.3700, 18.5516, -70.4845



64.4350, 0.2785, 4.0035



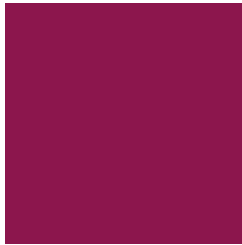
46.8350, 7.4763, 75.5667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 63.5520, 6.6299, 67.0449 looks on a white background.

Color Contrast Check

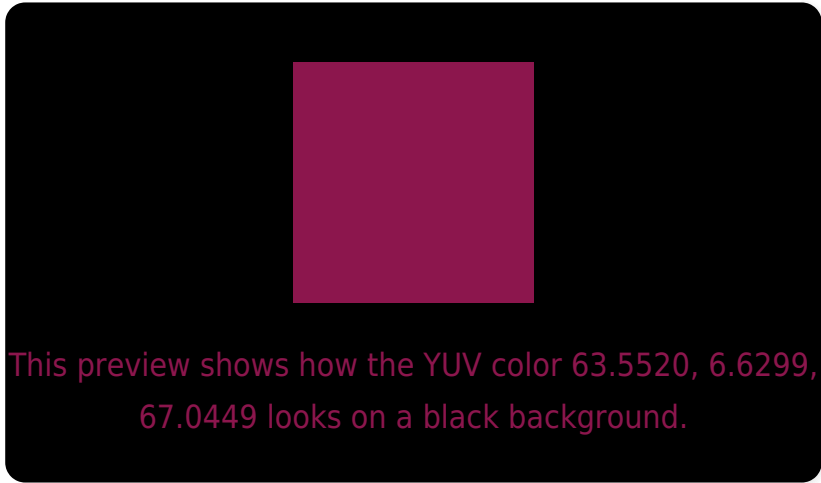
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

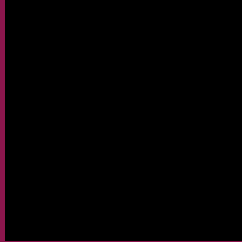
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.5520, 6.6299, 67.0449

Background



This preview shows how black text looks on a background with the YUV color 63.5520, 6.6299, 67.0449.



This preview shows how white text looks on a background with the YUV color 63.5520, 6.6299,

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

63.5520, 6.6299, 67.0449

Protanopia

75.0710, 15.7410, -8.8323

Deuteranopia

75.4740, -2.2057, 7.4773



Tritanopia

66.6120, -14.5987, 62.6073

Trichromacy



Original Color

63.5520, 6.6299, 67.0449

Protanomaly

70.7370, 12.4547, 18.6477

Deuteranomaly

71.1160, 0.9288, 28.8393

Tritanomaly

65.6860, -6.7472, 64.2964

Monochromacy



Original Color

63.5520, 6.6299, 67.0449

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1370, 2.3975, 24.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5520, 6.6299, 67.0449 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(140, 22, 77)` looks like.

```
.text, #text, p{  
  color:rgb(140, 22, 77)  
}
```

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(140, 22, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 22, 77) }
```

Border

The CSS property to change the border of an element to YUV 63.5520, 6.6299, 67.0449 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(140, 22, 77) }
```


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

```
.border{ border-color:rgb(140, 22, 77) }
```

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

Here you see how a box with a 4 pixel rgb(140, 22, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 22, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 22, 77);  
box-shadow:4px 4px 4px 4px rgb(140, 22,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 63.5520, 6.6299, 67.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 22, 77) }
```

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

```
.background{ background-color: rgb(140, 22,  
77) }
```

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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