

Converting Colors

YUV(61.5220, 5.6587, 98.6432)

Have a look what the booklet for
YUV(61.5220, 5.6587, 98.6432)
contains.

YUV(61.5220, 5.6587, 98.6432)	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(61.5220, 5.6587,
98.6432)**

Conversions

Conversions Part 1

Format	Color
Hex	AE0249
RGB	174, 2, 73
RGB Percent	68%, 1%, 29%
CMY	0.3176, 0.9922, 0.7137
CMYK	0.00, 0.99, 0.58, 0.32
HSL	335°, 98%, 35%
HSV	335°, 99%, 68%
XYZ	18.6799, 9.5231, 7.1569
YIQ	61.5220, 79.7210, 58.5450

Conversions

Conversions Part 2

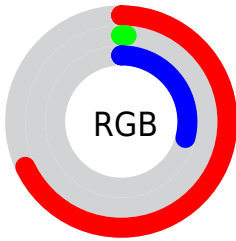
Format	Color
R_{YB}	174, 2, 73
Decimal	11403849
CIE _{Lab}	36.97, 62.37, 10.62
CIE _{LCh}	37, 63.269, 9.661
Yxy	9.5231, 0.5283, 0.2693
Android (android.graphics.Color)	4289593929 (0xFFAE0249)
YUV	61.5220, 5.6587, 98.6432
Hunter-Lab	30.8596, 54.0451, 7.8512

Details

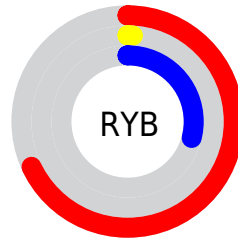
The YUV color **61.5220, 5.6587, 98.6432** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **114.4780, -5.6587, -98.6432**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0190, -4.9394, 91.1913**, and **37.5060, -3.7005, 67.0852** is the 20% darker color. If you saturate the color by 10%, you get **60.2340, 5.8006, 99.7728**, and if you desaturate by 10%, it is **72.6410, 5.1070, 88.8918**.

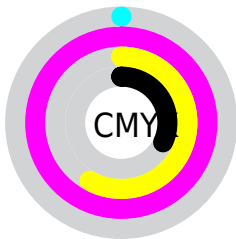
Distribution



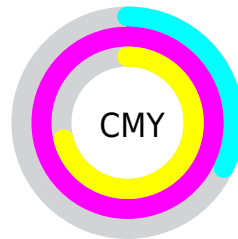
- Red (68%)
- Green (1%)
- Blue (29%)



- Red (68%)
- Yellow (1%)
- Blue (29%)



- Cyan (0%)
- Magenta (99%)
- Yellow (58%)
- Black (32%)



- Cyan (32%)
- Magenta (99%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5220, 5.6587, 98.6432 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 61.5220, 5.6587, 98.6432 by changing the saturation by 10% instead.

61.5220, 5.6587,
98.6432

61.5220, 5.6587,
98.6432

255.0000, 0.0000,
0.0000

48.8700, 1.0501,
83.4290

131.0190, -4.9394,
91.1913

37.5060, -3.7005,
67.0852

156.9860, -4.9231,
85.9583

25.8710, -10.7824,
51.8561

176.9730, -1.9587,
68.4297

17.2710, -7.5286,
34.8423

196.6010, 2.1687,
51.2159

4.4850, -2.2111,
9.2217

216.8160, 6.0067,
33.4874

0.0000, 0.0000,
0.0000

236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 61.5220, 5.6587,
98.6432

■ 61.5220, 5.6587,
98.6432

■ 60.2340, 5.8006,
99.7728

■ 72.6410, 5.1070,
88.8918

■ 84.3470, 4.2659,
78.6257

■ 95.5800, 4.1511,
68.7743

■ 107.2860, 3.3100,
58.5082

■ 118.4050, 2.7583,
48.7568

■ 129.5240, 2.2067,
39.0055

■ 141.3440, 1.8024,
28.6393

■ 152.4630, 1.2507,
18.8879

■ 164.1690, 0.4097,
8.6218

Harmonies

Analogous

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



77.8140, 22.7697, 70.3231



61.5220, 5.6587, 98.6432



76.0130, -26.1354, 76.2876

Triad

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



61.5220, 5.6587, 98.6432



67.9580, -33.5033, -34.1662



80.7360, 50.4162, -70.8055

Complementary

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



61.5220, 5.6587, 98.6432



114.4780, -5.6587, -98.6432

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.



80.7240, 35.1391, -70.7949



61.5220, 5.6587, 98.6432



67.8080, -9.2723, -59.4676

Square

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



61.5220, 5.6587, 98.6432



80.3380, -39.6066, 10.2276



75.1380, 13.7360, -65.8960



73.2020, 57.0884, -64.1982

Rectangle

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



61.5220, 5.6587, 98.6432



80.3360, -39.6056, 56.7103



75.1380, 13.7360, -65.8960



81.5850, 46.0536, -71.5500

Sweetspot

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



61.5220, 5.6587, 98.6432



182.5240, 2.2067, 39.0055



51.5080, 60.3886, 44.2815



87.4960, 1.2345, 24.1210



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



61.5220, 5.6587, 98.6432



78.5890, 7.5976, 130.1564



61.6460, -29.4055, 98.5345



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Inverse Universe

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



61.5220, 5.6587, 98.6432



78.5890, 7.5976, 130.1564



114.3540, 29.4055, -98.5345



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 61.5220, 5.6587, 98.6432 looks on a white background.

Color Contrast Check

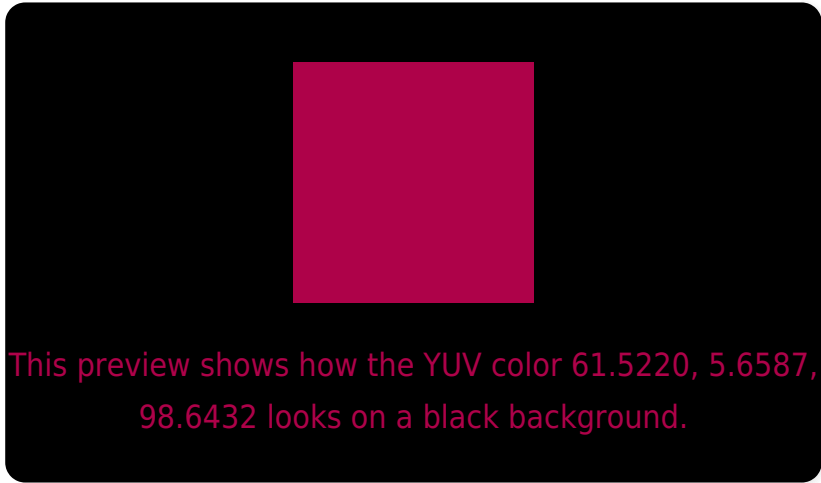
Large Text (above 18pt) WCAG AA ✓ Pass

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

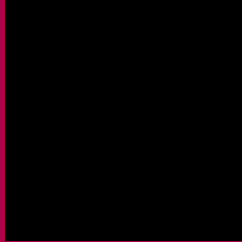
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5220, 5.6587, 98.6432

Background



This preview shows how black text looks on a background with the YUV color 61.5220, 5.6587, 98.6432.



This preview shows how white text looks on a background with the YUV color 61.5220, 5.6587,

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

61.5220, 5.6587, 98.6432

Protanopia

90.0410, 7.8678, -3.5440

Deuteranopia

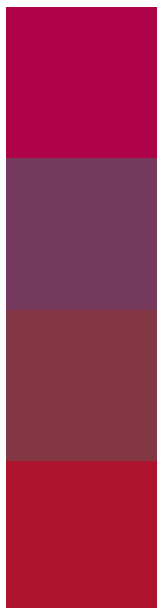
89.7000, -11.6841, 14.2951



Tritanopia

71.6430, -21.5160, 88.0131

Trichromacy



Original Color

61.5220, 5.6587, 98.6432

Protanomaly

79.4570, 7.1697, 33.8022

Deuteranomaly

79.3200, -5.0878, 45.3234

Tritanomaly

67.8960, -11.7807, 92.1762

Monochromacy



Original Color

61.5220, 5.6587, 98.6432

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8010, 2.0701, 36.1315

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5220, 5.6587, 98.6432 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(174, 2, 73)` looks like.

```
.text, #text, p{  
    color:rgb(174, 2, 73)  
}
```

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(174, 2, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 2, 73) }
```

Border

The CSS property to change the border of an element to YUV 61.5220, 5.6587, 98.6432 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(174, 2, 73) }
```


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

```
.border{ border-color:rgb(174, 2, 73) }
```

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

Here you see how a box with a 4 pixel rgb(174, 2, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 2, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 2, 73);  
box-shadow:4px 4px 4px 4px rgb(174, 2, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.5220, 5.6587, 98.6432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 2, 73) }
```

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

```
.background{ background-color: rgb(174, 2,  
73) }
```

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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