

Converting Colors

YUV(60.5500, 19.9418, 90.7256)

Have a look what the booklet for
YUV(60.5500, 19.9418, 90.7256)
contains.

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Color

**YUV(60.5500, 19.9418,
90.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	A40065
RGB	164, 0, 101
RGB Percent	64%, 0%, 40%
CMY	0.3569, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.38, 0.36
HSL	323°, 100%, 32%
HSV	323°, 100%, 64%
XYZ	17.6588, 8.8321, 13.0860
YIQ	60.5500, 65.3230, 66.1790

Conversions

Conversions Part 2

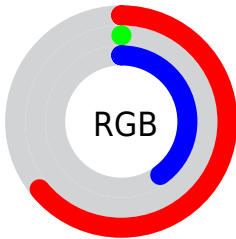
Format	Color
RYB	164, 0, 101
Decimal	10748005
CIELab	35.66, 62.64, -9.63
CIELCh	36, 63.374, 351.258
Yxy	8.8321, 0.4462, 0.2232
Android (android.graphics.Color)	4288938085 (0xFFA40065)
YUV	60.5500, 19.9418, 90.7256
Hunter-Lab	29.7188, 54.0559, -5.3037

Details

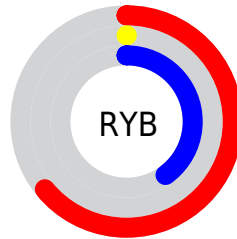
The YUV color **60.5500, 19.9418, 90.7256** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **103.4500, -19.9419, -90.7257**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3780, 10.6596, 81.2295**, and **37.8500, 7.9619, 59.7676** is the 20% darker color. If you saturate the color by 10%, you get **60.5500, 19.9418, 90.7256**, and if you desaturate by 10%, it is **70.6260, 17.9324, 81.8890**.

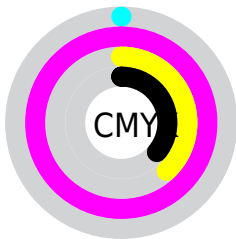
Distribution



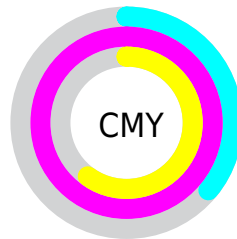
- Red (64%)
- Green (0%)
- Blue (40%)



- Red (64%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (36%)





- Cyan (36%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 60.5500, 19.9418, 90.7256 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 60.5500, 19.9418, 90.7256 by changing the saturation by 10% instead.

 60.5500, 19.9418,
90.7256


 60.5500, 19.9418,
90.7256

255.0000, 0.0000,
0.0000


 49.1430, 13.7335,
75.2966


 130.3780, 10.6596,
81.2295


 37.8500, 7.9619,
59.7676


 159.7480, 9.4912,
82.6590


 27.0840, 2.9166,
44.6533

 179.5610, 13.0344,
66.1600

 16.3460, -4.6076,
31.2686

 199.1890, 17.1618,
48.9462

 0.5980, -0.2948,
1.2296

 218.6060, 17.9422,
31.9175

 0.0000, 0.0000,
0.0000

 235.6290, 9.5499,

16.9884

253.2390, 0.8682,
1.5444

60.5500, 19.9418,
90.7256

70.6260, 17.9324,
81.8890

81.4030, 16.0703,
72.4376

91.4790, 14.0609,
63.6009

102.1420, 11.7620,
54.2495

112.3320, 10.1893,
45.3128

■ 122.4080, 8.1799,
36.4762

■ 133.0710, 5.8810,
27.1247

■ 143.1470, 3.8715,
18.2881

■ 153.9240, 2.0095,
8.8367

Harmonies

Analogous

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



83.3200, 31.8872, 39.1844



60.5500, 19.9418, 90.7256



61.0410, -4.9502, 94.6800

Triad

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



60.5500, 19.9418, 90.7256



74.6350, -36.7951, -4.9419



79.0430, 41.3908, -69.3207

Complementary

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



60.5500, 19.9418, 90.7256



103.4500, -19.9419, -90.7257

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.



75.3150, 22.0297, -66.0513



60.5500, 19.9418, 90.7256



59.2700, -26.7551, -51.9798

Square

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



60.5500, 19.9418, 90.7256



79.8830, -39.3823, 31.6746



68.6860, -0.8312, -60.2376



76.9690, 53.7523, -67.5018

Rectangle

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



60.5500, 19.9418, 90.7256



72.6600, -27.4404, 74.8432



68.6860, -0.8312, -60.2376



78.1480, 35.4230, -68.5358

Sweetspot

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



60.5500, 19.9418, 90.7256



173.6960, 8.0379, 35.3466



37.5330, 62.3482, 22.3346



82.9840, 4.4449, 21.0620



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



60.5500, 19.9418, 90.7256



79.0340, 26.1122, 118.3652



51.2020, -15.8756, 98.9238



76.2610, 0.8573, 5.0331



53.6150, 17.9378, 80.1446



6.6360, 2.1515, 9.9662

Inverse Universe

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



60.5500, 19.9418, 90.7256



79.0340, 26.1122, 118.3652



112.7980, 15.8756, -98.9238



76.2610, 0.8573, 5.0331



53.6150, 17.9378, 80.1446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 60.5500, 19.9418, 90.7256 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

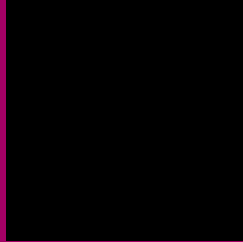
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.5500, 19.9418, 90.7256

Background



This preview shows how black text looks on a background with the YUV color 60.5500, 19.9418, 90.7256.



This preview shows how white text looks on a background with the YUV color 60.5500, 19.9418,

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

60.5500, 19.9418, 90.7256

Protanopia

84.9630, 29.5982, -20.1386

Deuteranopia

87.5320, 3.1887, 3.9184



Tritanopia

75.9940, -17.2520, 73.6733

Trichromacy



Original Color

60.5500, 19.9418, 90.7256

Protanomaly

76.0050, 26.1265, 20.1666

Deuteranomaly

77.4510, 9.6377, 35.5615

Tritanomaly

69.9960, -3.4490, 79.8105

Monochromacy



Original Color

60.5500, 19.9418, 90.7256

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.8590, 7.4645, 32.5727

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.5500, 19.9418, 90.7256 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(164, 0, 101)` looks like.

```
.text, #text, p{  
    color:rgb(164, 0, 101)  
}
```

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(164, 0, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 0, 101) }
```

Border

The CSS property to change the border of an element to YUV 60.5500, 19.9418, 90.7256 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(164, 0, 101) }
```


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

```
.border{ border-color:rgb(164, 0, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 0, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 0, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 0, 101);  
box-shadow:4px 4px 4px 4px rgb(164, 0,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 60.5500, 19.9418, 90.7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 0, 101) }
```

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

```
.background{ background-color: rgb(164, 0,  
101) }
```

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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