

Converting Colors

YUV(62.4640, 50.5502, 73.2611)

Have a look what the booklet for
YUV(62.4640, 50.5502, 73.2611)
contains.

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Color

**YUV(62.4640, 50.5502,
73.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	9200A5
RGB	146, 0, 165
RGB Percent	57%, 0%, 65%
CMY	0.4275, 1.0000, 0.3529
CMYK	0.12, 1.00, 0.00, 0.35
HSL	293°, 100%, 32%
HSV	293°, 100%, 65%
XYZ	18.6456, 8.8276, 36.3185
YIQ	62.4640, 34.0510, 82.2670

Conversions

Conversions Part 2

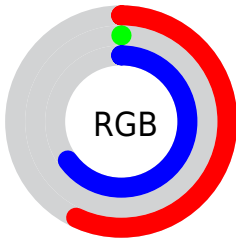
Format	Color
R_{YB}	146, 0, 165
Decimal	9568421
CIE _{Lab}	35.65, 67.89, -49.65
CIE _{LCh}	36, 84.112, 323.822
Yxy	8.8276, 0.2923, 0.1384
Android (android.graphics.Color)	4287758501 (0xFF9200A5)
YUV	62.4640, 50.5502, 73.2611
Hunter-Lab	29.7113, 60.0246, -51.6770

Details

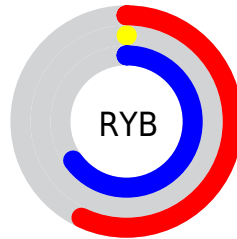
The YUV color **62.4640, 50.5502, 73.2611** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **102.5360, -50.5502, -73.2611**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5630, 43.5994, 62.6502**, and **39.6780, 35.6547, 44.1324** is the 20% darker color. If you saturate the color by 10%, you get **62.4640, 50.5502, 73.2611**, and if you desaturate by 10%, it is **72.4540, 45.6252, 66.2538**.

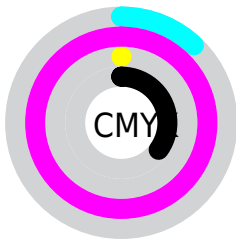
Distribution



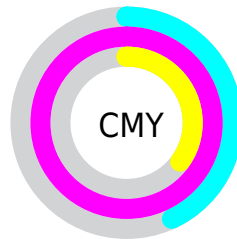
- Red (57%)
- Green (0%)
- Blue (65%)



- Red (57%)
- Yellow (0%)
- Blue (65%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (100%)
- Yellow (35%)
- Black (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.4640, 50.5502, 73.2611 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 62.4640, 50.5502, 73.2611 by changing the saturation by 10% instead.

62.4640, 50.5502,
73.2611

62.4640, 50.5502,
73.2611

255.0000, 0.0000,
0.0000

51.0140, 42.8841,
58.7467

132.5630, 43.5994,
62.6502

39.6780, 35.6547,
44.1324

160.9760, 43.8888,
63.1650

28.7550, 28.7148,
30.0329

185.1470, 34.4375,
61.2611

17.9460, 22.2116,
15.8334

201.5830, 26.3346,
46.8467

4.5600, 17.4719,
-3.9991

218.6060, 17.9422,
31.9175

2.5250, 7.1362,
-2.2144

235.6290, 9.5499,

0.0000, 0.0000,

16.9884

0.0000

253.2390, 0.8682,
1.5444

62.4640, 50.5502,
73.2611

72.4540, 45.6252,
66.2538

83.0310, 40.4107,
58.7318

93.6080, 35.1963,
51.2098

103.5980, 30.2712,
44.2026

113.2890, 25.4935,
36.5805

■ 123.8660, 20.2791,
29.0585

■ 133.8560, 15.3540,
22.0513

■ 144.4330, 10.1395,
14.5293

■ 154.4230, 5.2145,
7.5220

Harmonies

Analogous

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



66.7910, 70.6020, -58.5757



62.4640, 50.5502, 73.2611



68.0250, 16.2567, 106.0951

Triad

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



62.4640, 50.5502, 73.2611



79.5840, -39.2349, 31.0598



79.6010, 28.2977, -69.8101

Complementary

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



62.4640, 50.5502, 73.2611



102.5360, -50.5502, -73.2611

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.



71.0340, -1.9888, -62.2968



62.4640, 50.5502, 73.2611



70.7040, -34.8571, -19.9114

Square

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



62.4640, 50.5502, 73.2611



68.9830, -34.0086, 81.5759



61.0480, -30.0967, -53.5391



85.5120, 53.4846, -74.9940

Rectangle

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



62.4640, 50.5502, 73.2611



64.5040, -3.6995, 113.5680



61.0480, -30.0967, -53.5391



77.0930, 18.6882, -67.6106

Sweetspot

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



62.4640, 50.5502, 73.2611



174.3390, 19.5529, 28.6437



29.9630, 66.5732, -26.2776



83.4980, 11.5865, 17.1033



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.



62.4640, 50.5502, 73.2611



81.2060, 65.4674, 95.4123



60.9630, 20.2312, 91.2404



76.4180, 2.7519, 4.0184



55.1010, 44.3202, 64.8094



6.8360, 5.5039, 8.0368

Inverse Universe

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



51.5010, -16.0230, 99.5386



66.8360, -20.6251, 129.0628



104.0370, -20.2312, -91.2404



75.8050, -0.8899, 5.4330



45.2930, -13.9484, 87.4430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 62.4640, 50.5502, 73.2611 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 62.4640, 50.5502, 73.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

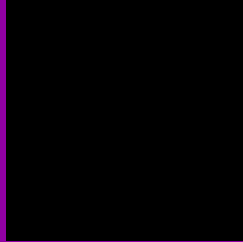
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.4640, 50.5502, 73.2611

Background



This preview shows how black text looks on a background with the YUV color 62.4640, 50.5502, 73.2611.



This preview shows how white text looks on a background with the YUV color 62.4640, 50.5502,

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



Protanopia

69.3720, 52.5676, -60.8392

Deuteranopia

74.4090, 39.7314, -50.3477

Tritanopia

86.0870, -8.4239, 42.0197

Trichromacy



Protanomaly

66.5660, 51.9790, -11.8974

Deuteranomaly

70.1340, 43.8109, -5.3795

Tritanomaly

77.1850, 13.2198, 53.3348

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9860, 18.2479, 27.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4640, 50.5502, 73.2611 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(146, 0, 165)` looks like.

```
.text, #text, p{  
    color:rgb(146, 0, 165)  
}
```

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(146, 0, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 0, 165) }
```

Border

The CSS property to change the border of an element to YUV 62.4640, 50.5502, 73.2611 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(146, 0, 165) }
```

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

```
.border{ border-color:rgb(146, 0, 165) }
```

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

Here you see how a box with a 4 pixel rgb(146, 0, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 0, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 0, 165);  
box-shadow:4px 4px 4px 4px rgb(146, 0,  
165) }
```


Background

The CSS property to change the background color of an element to YUV 62.4640, 50.5502, 73.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 0, 165) }
```

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

```
.background{ background-color: rgb(146, 0,  
165) }
```

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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