Converting Colors

YUV(101.6460, 57.8555, 63.4545)

Have a look what the booklet for YUV(101.6460, 57.8555, 63.4545) contains.

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Color

YUV(101.6460, 57.8555, 63.4545)

Conversions

Conversions Part 1

Format	Color
Hex	AE2ADB
RGB	174, 42, 219
RGB Percent	68%, 16%, 86%
CMY	0.3176, 0.8353, 0.1412
CMYK	0.21, 0.81, 0.00, 0.14
HSL	285°, 71%, 51%
HSV	285°, 81%, 86%
XYZ	31.0697, 15.7691, 68.4240
YIQ	101.6460, 21.8550, 83.0310

Conversions

Conversions Part 2

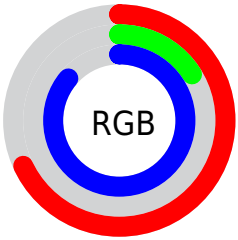
Format	Color
RYB	174, 42, 219
Decimal	11414235
CIELab	46.67, 74.30, -63.26
CIELCh	47, 97.582, 319.591
Yxy	15.7691, 0.2696, 0.1368
Android (android.graphics.Color)	4289604315 (0xFFAE2ADB)
YUV	101.6460, 57.8555, 63.4545
Hunter-Lab	39.7103, 70.1671, -74.3642

Details

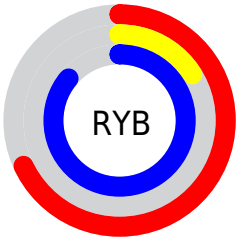
The YUV color 101.6460, 57.8555, 63.4545 is a dark color, and the websafe version is hex 9900CC. The color can be described as middle washed purple. A complement of this color would be 159.3540, -57.8555, -63.4545, and the grayscale version is 101.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 160.6710, 46.5042, 64.3095, and 53.2660, 54.0989, 55.0177 is the 20% darker color. If you saturate the color by 10%, you get 86.9380, 65.1066, 71.0914, and if you desaturate by 10%, it is 116.3540, 50.6045, 55.8175.

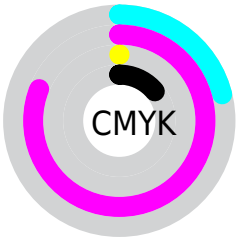
Distribution



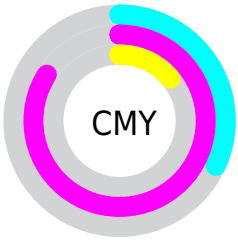
- Red (68%)
- Green (16%)
- Blue (86%)



- Red (68%)
- Yellow (16%)
- Blue (86%)



- Cyan (21%)
- Magenta (81%)
- Yellow (0%)
- Black (14%)



- Cyan (32%)
- Magenta (84%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6460, 57.8555, 63.4545 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 101.6460, 57.8555, 63.4545 by changing the saturation by 10% instead.

101.6460, 57.8555, 63.4545

255.0000, 0.0000, 0.0000

160.6710, 46.5042, 64.3095

183.3860, 35.3057, 62.8055

200.4090, 26.9134, 47.8763

217.4320, 18.5210, 32.9471

235.0420, 9.8393, 17.5032

252.0650, 1.4470,

101.6460, 57.8555, 63.4545

65.1290, 62.0544, 70.0469

53.2660, 54.0989, 55.0177

41.5170, 46.5801, 39.8886

29.5830, 39.6456, 24.0447

17.6490, 32.7110, 8.2008

6.8400, 26.2079, -5.9987

5.3920, 15.5827,

2.5740

-4.7288

2.1830, 5.8258, -1.9145

0.0000, 0.0000, 0.0000

101.6460, 57.8555, 63.4545

86.9380, 65.1066, 71.0914

73.7030, 71.6314, 78.3135

101.6460, 57.8555, 63.4545

116.3540, 50.6045, 55.8175

130.7630, 43.5008, 47.5658

145.4710, 36.2498, 39.9289

159.8800, 29.1462, 31.6772

174.0010, 22.1845, 24.5551

188.4100, 15.0809, 16.3034

203.1180, 7.8298, 8.6665

217.8260, 0.5788, 1.0296

232.2350, -6.5249, -7.2221

Harmonies

Analogous

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

89.5310, 81.5762, -78.5187

101.6460, 57.8555, 63.4545

86.5670, 27.8215, 130.1757

Triad

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

101.6460, 57.8555, 63.4545

104.4800, -51.5086, 47.8140

102.0500, 30.5414, -89.4978

Complementary

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

101.6460, 57.8555, 63.4545

159.3540, -57.8555, -63.4545

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.

91.0720, -6.4445, -79.8701

101.6460, 57.8555, 63.4545

97.0180, -47.8299, -12.2938

Square

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

101.6460, 57.8555, 63.4545

88.3410, -43.5521, 109.3259

79.2450, -39.0678, -69.4979

109.7850, 62.7170, -96.2814

Rectangle

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

101.6460, 57.8555, 63.4545

83.4010, 2.7603, 141.7223

79.2450, -39.0678, -69.4979

98.2710, 18.6004, -86.1837

Sweetspot

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

101.6460, 57.8555, 63.4545

214.4090, 20.0114, 21.5663

89.7670, 63.7119, -41.8917

103.2910, 12.1815, 12.8998

0.0000, 0.0000, 0.0000

128.0000, 0.0000, 0.0000

Same Dimension

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

101.6460, 57.8555, 63.4545

91.1740, 80.7662, 88.4244

110.4270, 33.3135, 95.2185

102.6460, 3.6255, 3.8185

58.2930, 56.5506, 62.0100

15.4100, 15.0809, 16.3034

Inverse Universe

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

100.0530, -6.4351, 104.3165

89.0350, -8.8913, 145.5513

150.5730, -33.3135, -95.2185

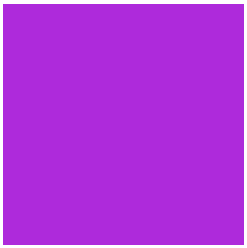
102.5170, -0.7479, 6.5626

56.7430, -6.2823, 101.9574

15.1220, -1.5391, 27.0800

Previews

White Background



This preview shows how the YUV color 101.6460, 57.8555, 63.4545 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 ✕ Fail

Black Background

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
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 101.6460, 57.8555, 63.4545

Background

This preview shows how black text looks on a background with the YUV color 101.6460, 57.8555, 63.4545.

This preview shows how white text looks on a background with the YUV color 101.6460, 57.8555,

63.4545.

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
101.6460, 57.8555, 63.4545

Protanopia
88.6870, 68.1883, -77.7785

Deuteranopia
89.0170, 54.2216, -78.0679

Tritanopia
111.9340, -6.3765, 38.6459

Trichromacy

Original Color
101.6460, 57.8555, 63.4545

Protanomaly
93.0940, 64.5367, -26.3924

Deuteranomaly
93.3900, 55.5167, -26.6520

Tritanomaly
108.4770, 17.0198, 47.8167

Monochromacy

Original Color
101.6460, 57.8555, 63.4545

Achromatopsia
102.0000, 0.0000, 0.0000

Achromatomaly
101.7620, 21.3163, 23.0107

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6460, 57.8555, 63.4545 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, 42, 219) looks like.

```
.text, #text, p{
    color:rgb(174, 42, 219)
}
```

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, 42, 219) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(174, 42, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 42, 219) }
```

Border

The CSS property to change the border of an element to YUV 101.6460, 57.8555, 63.4545 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, 42, 219) }
```

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

```
.border{ border-color:rgb(174, 42, 219) }
```

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

Here you see how a box with a 4 pixel rgb(174, 42, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 42, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 42, 219); box-shadow:4px 4px 4px 4px rgb(174, 42, 219) }
```

Background

The CSS property to change the background color of an element to YUV 101.6460, 57.8555, 63.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(174, 42, 219) }
```

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

```
.background{ background-color:rgb(174, 42, 219) }
```

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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