

Converting Colors

YUV(64.3590, 56.5180, 72.4762)

Have a look what the booklet for
YUV(64.3590, 56.5180, 72.4762)
contains.

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Color

**YUV(64.3590, 56.5180,
72.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	9300B3
RGB	147, 0, 179
RGB Percent	58%, 0%, 70%
CMY	0.4235, 1.0000, 0.2980
CMYK	0.18, 1.00, 0.00, 0.30
HSL	289°, 100%, 35%
HSV	289°, 100%, 70%
XYZ	20.1693, 9.4577, 43.4103
YIQ	64.3590, 30.1530, 86.8330

Conversions

Conversions Part 2

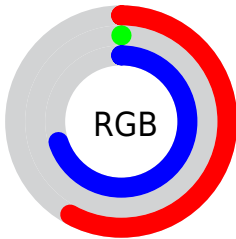
Format	Color
R_{YB}	147, 0, 179
Decimal	9633971
CIE _{Lab}	36.85, 70.43, -56.08
CIE _{LCh}	37, 90.025, 321.471
Yxy	9.4577, 0.2762, 0.1295
Android (android.graphics.Color)	4287824051 (0xFF9300B3)
YUV	64.3590, 56.5180, 72.4762
Hunter-Lab	30.7534, 63.2490, -62.1641

Details

The YUV color **64.3590, 56.5180, 72.4762** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **114.6410, -56.5180, -72.4762**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1590, 49.7146, 61.2506**, and **41.1600, 41.3331, 42.8327** is the 20% darker color. If you saturate the color by 10%, you get **64.3590, 56.5180, 72.4762**, and if you desaturate by 10%, it is **75.8220, 50.8668, 65.0541**.

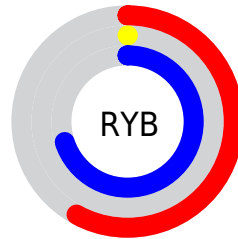
Distribution



Red (58%)

Green (0%)

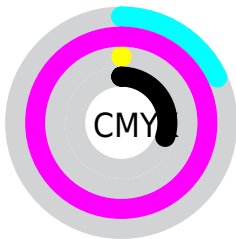
Blue (70%)



Red (58%)

Yellow (0%)

Blue (70%)

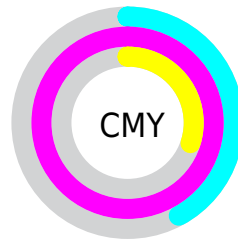


Cyan (18%)

Magenta (100%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (100%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3590, 56.5180, 72.4762 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 64.3590, 56.5180, 72.4762 by changing the saturation by 10% instead.

64.3590, 56.5180,
72.4762

64.3590, 56.5180,
72.4762

255.0000, 0.0000,
0.0000

52.6100, 48.9993,
57.3470

135.1590, 49.7146,
61.2506

41.1600, 41.3331,
42.8327

163.3180, 45.1992,
62.8651

29.8240, 34.1038,
28.2184

185.7340, 34.1481,
60.7463

19.0150, 27.6006,
14.0188

202.7570, 25.7558,
45.8171

5.8140, 22.2767,
-5.0989

219.7800, 17.3635,
30.8879

4.4800, 12.0884,
-3.9290

236.8030, 8.9711,

0.0000, 0.0000,

15.9588

0.0000

254.4130, 0.2894,
0.5148

■ 64.3590, 56.5180,
72.4762

■ 75.8220, 50.8668,
65.0541

■ 87.2850, 45.2155,
57.6321

■ 99.0470, 39.4168,
50.8248

■ 110.5100, 33.7656,
43.4027

■ 121.9730, 28.1143,
35.9807

■ 132.8490, 22.7524,
29.0734

■ 144.3120, 17.1012,
21.6514

■ 156.0740, 11.3025,
14.8441

■ 167.5370, 5.6513,
7.4221

Harmonies

Analogous

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



71.5500, 76.1439, -62.7493



64.3590, 56.5180, 72.4762



71.5570, 19.4454, 110.0135

Triad

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



64.3590, 56.5180, 72.4762



82.2750, -40.5616, 36.5928



82.1770, 28.0137, -72.0692

Complementary

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



64.3590, 56.5180, 72.4762



114.6410, -56.5180, -72.4762

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.



72.3390, -4.6041, -63.4413



64.3590, 56.5180, 72.4762



73.6720, -36.3203, -17.2523

Square

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



64.3590, 56.5180, 72.4762



65.8150, -32.4468, 94.0012



63.3960, -31.2542, -55.5983



89.3590, 55.5320, -78.3678

Rectangle

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



64.3590, 56.5180, 72.4762



68.2920, -2.1160, 119.0159



63.3960, -31.2542, -55.5983



79.3270, 17.0938, -69.5698

Sweetspot

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



64.3590, 56.5180, 72.4762



187.3220, 22.0263, 28.6586



39.7770, 68.6369, -34.8844



90.2530, 13.1863, 17.3181



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



64.3590, 56.5180, 72.4762



83.5570, 73.1824, 94.2275



67.4290, 26.9035, 97.8478



83.4180, 2.7519, 4.0184



55.1160, 48.2568, 62.1653



9.2430, 8.2612, 10.3109

Inverse Universe

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



57.1690, -12.4083, 106.8458



74.0420, -16.2897, 138.5292



111.5710, -26.9035, -97.8478



82.9190, -0.4531, 5.3330



48.8250, -10.7597, 91.3615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 64.3590, 56.5180, 72.4762 looks on a white background.

Color Contrast Check

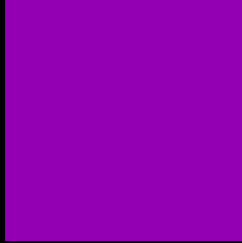
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.3590, 56.5180, 72.4762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

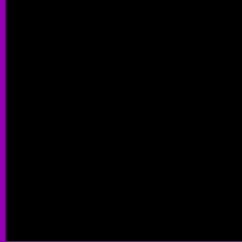
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.3590, 56.5180, 72.4762

Background



This preview shows how black text looks on a background with the YUV color 64.3590, 56.5180, 72.4762.



This preview shows how white text looks on a background with the YUV color 64.3590, 56.5180,

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

71.2300, 54.6096, -62.4687

Deuteranopia

71.6570, 43.5531, -62.8432

Tritanopia

89.4070, -7.1027, 38.2311

Trichromacy



Protanomaly

68.7660, 55.3314, -13.8268

Deuteranomaly

68.9310, 48.3480, -13.9715

Tritanomaly

80.5590, 15.9934, 50.3758

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2570, 20.5793, 26.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3590, 56.5180, 72.4762 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(147, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(147, 0, 179)  
}
```

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(147, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 0, 179) }
```

Border

The CSS property to change the border of an element to YUV 64.3590, 56.5180, 72.4762 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(147, 0, 179) }
```

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

```
.border{ border-color:rgb(147, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(147, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(147, 0,  
179) }
```


Background

The CSS property to change the background color of an element to YUV 64.3590, 56.5180, 72.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 0, 179) }
```

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

```
.background{ background-color: rgb(147, 0,  
179) }
```

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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