

Converting Colors

YUV(56.4500, 24.9212, 80.2894)

Have a look what the booklet for
YUV(56.4500, 24.9212, 80.2894)
contains.

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Color

**YUV(56.4500, 24.9212,
80.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	94006B
RGB	148, 0, 107
RGB Percent	58%, 0%, 42%
CMY	0.4196, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.28, 0.42
HSL	317°, 100%, 29%
HSV	317°, 100%, 58%
XYZ	14.8666, 7.3574, 14.5465
YIQ	56.4500, 53.8610, 64.6530

Conversions

Conversions Part 2

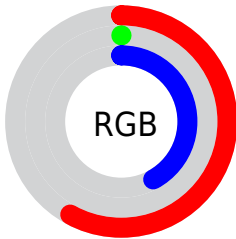
Format	Color
R_{YB}	148, 0, 107
Decimal	9699435
CIE _{Lab}	32.61, 59.88, -18.44
CIE _{LCh}	33, 62.658, 342.888
Yxy	7.3574, 0.4043, 0.2001
Android (android.graphics.Color)	4287889515 (0xFF94006B)
YUV	56.4500, 24.9212, 80.2894
Hunter-Lab	27.1246, 50.3651, -12.8091

Details

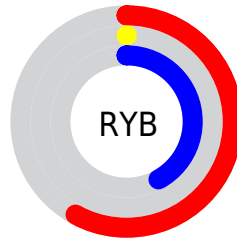
The YUV color **56.4500, 24.9212, 80.2894** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **91.5500, -24.9211, -80.2893**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7450, 17.3807, 72.1376**, and **34.2340, 12.2096, 50.6608** is the 20% darker color. If you saturate the color by 10%, you get **56.4500, 24.9212, 80.2894**, and if you desaturate by 10%, it is **65.7110, 22.3275, 72.1675**.

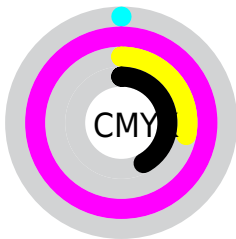
Distribution



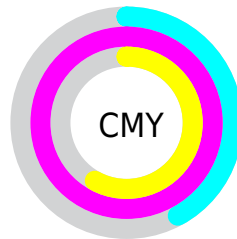
- Red (58%)
- Green (0%)
- Blue (42%)



- Red (58%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 56.4500, 24.9212, 80.2894 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 56.4500, 24.9212, 80.2894 by changing the saturation by 10% instead.


 56.4500, 24.9212,
80.2894


 56.4500, 24.9212,
80.2894


255.0000, 0.0000,
0.0000


 45.3420, 18.5654,
65.4751


 123.7450, 17.3807,
72.1376


 34.2340, 12.2096,
50.6608

 152.8160, 16.3597,
72.9524


 24.0660, 6.8695,
36.7761

 178.0110, 17.2496,
67.5194

 13.3710, 0.8031,
22.4766

 197.7530, 21.8138,
50.2056

 0.0000, 0.0000,
0.0000

 215.6710, 19.3892,
34.4915

 232.6940, 10.9969,

19.5624

250.3040, 2.3151,
4.1184

56.4500, 24.9212,
80.2894

65.7110, 22.3275,
72.1675

74.9720, 19.7338,
64.0456

83.6460, 17.4295,
56.4385

92.9070, 14.8358,
48.3166

102.2820, 12.6790,
40.0947

■ 111.5430, 10.0853,
31.9728

■ 120.8040, 7.4916,
23.8509

■ 129.4780, 5.1873,
16.2438

■ 138.7390, 2.5937,
8.1219

Harmonies

Analogous

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



76.9480, 36.0146, 21.9706



56.4500, 24.9212, 80.2894



54.4520, 1.7492, 92.5656

Triad

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



56.4500, 24.9212, 80.2894



69.9720, -34.4962, 4.4096



72.7680, 35.1174, -63.8175

Complementary

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



56.4500, 24.9212, 80.2894



91.5500, -24.9211, -80.2893

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.



68.1110, 14.7353, -59.7333



56.4500, 24.9212, 80.2894



53.4170, -26.3346, -46.8467

Square

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



56.4500, 24.9212, 80.2894



72.5510, -35.7676, 38.9818



60.8950, -7.8362, -53.4049



72.4380, 49.0841, -63.5281

Rectangle

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



56.4500, 24.9212, 80.2894



59.5760, -16.5530, 82.8098



60.8950, -7.8362, -53.4049



71.7590, 28.7128, -62.9326

Sweetspot

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



56.4500, 24.9212, 80.2894



155.7170, 9.5065, 30.9432



28.5330, 58.8972, 9.1796



75.3150, 5.7607, 19.0177



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



56.4500, 24.9212, 80.2894



72.8410, 32.1234, 103.6254



48.2420, -6.5283, 87.4878



69.6630, 1.1521, 3.8035



52.6620, 23.3376, 74.8414



3.7880, 1.5835, 5.4479

Inverse Universe

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



56.4500, 24.9212, 80.2894



72.8410, 32.1234, 103.6254



99.7580, 6.5283, -87.4878



69.6630, 1.1521, 3.8035



52.6620, 23.3376, 74.8414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 56.4500, 24.9212, 80.2894 looks on a white background.

Color Contrast Check

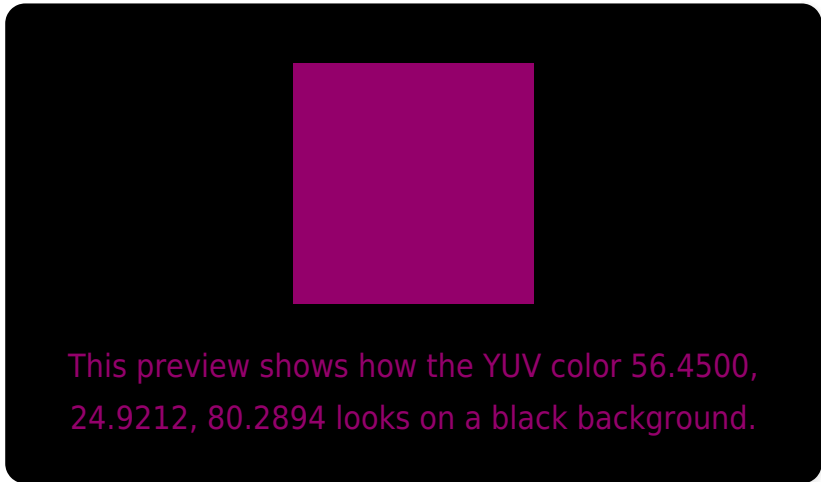
Large Text (above 18pt) WCAG AA ✓ Pass

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

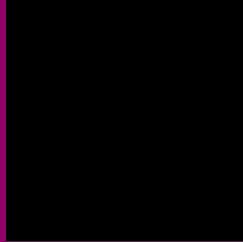
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.4500, 24.9212, 80.2894

Background



This preview shows how black text looks on a background with the YUV color 56.4500, 24.9212, 80.2894.



This preview shows how white text looks on a background with the YUV color 56.4500, 24.9212,

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

73.8890, 38.5087, -31.4747

Deuteranopia

80.2090, 9.7570, -2.8143

Tritanopia

72.4270, -14.0145, 61.8925

Trichromacy



Protanomaly

67.5890, 33.7266, 9.1304

Deuteranomaly

71.8890, 15.3377, 27.2843

Tritanomaly

66.8420, 0.0779, 68.5446

Monochromacy



Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2930, 9.2226, 28.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.4500, 24.9212, 80.2894 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(148, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 107)  
}
```

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(148, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 107) }
```

Border

The CSS property to change the border of an element to YUV 56.4500, 24.9212, 80.2894 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(148, 0, 107) }
```

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

```
.border{ border-color:rgb(148, 0, 107) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
107) }
```


Background

The CSS property to change the background color of an element to YUV 56.4500, 24.9212, 80.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 107) }
```

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

```
.background{ background-color: rgb(148, 0,  
107) }
```

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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