

Converting Colors

YUV(91.5770, 28.8025, 48.6060)

Have a look what the booklet for
YUV(91.5770, 28.8025, 48.6060)
contains.

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Color

**YUV(91.5770, 28.8025,
48.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	933496
RGB	147, 52, 150
RGB Percent	58%, 20%, 59%
CMY	0.4235, 0.7961, 0.4118
CMYK	0.02, 0.65, 0.00, 0.41
HSL	298°, 49%, 40%
HSV	298°, 65%, 59%
XYZ	18.7656, 10.8610, 29.9615
YIQ	91.5770, 25.1620, 50.6180

Conversions

Conversions Part 2

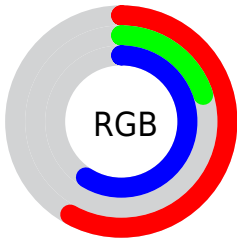
Format	Color
R_{YB}	147, 52, 150
Decimal	9647254
CIE _{Lab}	39.35, 52.59, -34.66
CIE _{LCh}	39, 62.985, 326.610
Yxy	10.8610, 0.3149, 0.1823
Android (android.graphics.Color)	4287837334 (0xFF933496)
YUV	91.5770, 28.8025, 48.6060
Hunter-Lab	32.9561, 43.9671, -30.8333

Details

The YUV color **91.5770, 28.8025, 48.6060** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **110.4230, -28.8025, -48.6060**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2890, 28.9445, 49.7355**, and **39.0930, 29.5342, 47.2764** is the 20% darker color. If you saturate the color by 10%, you get **82.7720, 33.1434, 56.3280**, and if you desaturate by 10%, it is **100.3820, 24.4617, 40.8840**.

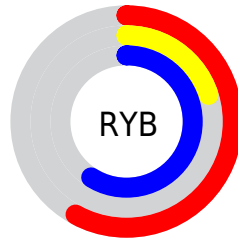
Distribution



Red (58%)

Green (20%)

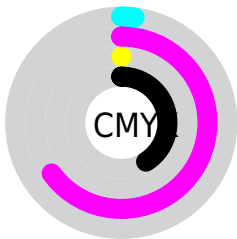
Blue (59%)



Red (58%)

Yellow (20%)

Blue (59%)

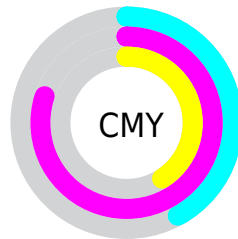


Cyan (2%)

Magenta (65%)

Yellow (0%)

Black (41%)



Cyan (42%)

Magenta (80%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.5770, 28.8025, 48.6060 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 91.5770, 28.8025, 48.6060 by changing the saturation by 10% instead.

91.5770, 28.8025,
48.6060

91.5770, 28.8025,
48.6060

255.0000, 0.0000,
0.0000

62.3430, 30.3969,
50.5652

146.2890, 28.9445,
49.7355

39.0930, 29.5342,
47.2764

174.3000, 28.9391,
51.4799

28.4690, 22.4468,
33.7917

199.2350, 27.4921,
48.9059

19.2690, 15.6434,
22.5661

215.6710, 19.3892,
34.4915

3.3060, 12.6671,
-2.8994

232.6940, 10.9969,
19.5624

0.0000, 0.0000,
0.0000

249.7170, 2.6045,

4.6332

■ 91.5770, 28.8025,
48.6060

■ 91.5770, 28.8025,
48.6060

■ 82.7720, 33.1434,
56.3280

■ 100.3820, 24.4617,
40.8840

■ 73.6680, 37.6317,
63.4352

■ 109.4860, 19.9734,
33.7768

■ 64.8630, 41.9725,
71.1571

■ 118.2910, 15.6325,
26.0548

■ 60.4550, 44.1457,
74.1460

■ 127.3950, 11.1443,
18.9476

■ 136.2000, 6.8034,
11.2256

■ 145.3040, 2.3151,
4.1184

■ 154.1090, -2.0257,
-3.6036

■ 163.2130, -6.5140,
-10.7108

■ 172.0180,
-10.8549, -18.4328

Harmonies

Analogous

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



90.5670, 47.0485, -17.1603



91.5770, 28.8025, 48.6060



76.7640, 11.9483, 87.9070

Triad

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



91.5770, 28.8025, 48.6060



87.5250, -43.1498, 26.7266



82.6500, 27.2876, -72.4840

Complementary

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



91.5770, 28.8025, 48.6060



110.4230, -28.8025, -48.6060

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.



76.6080, 4.1373, -67.1852



91.5770, 28.8025, 48.6060



80.7930, -39.8309, -11.2195

Square

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



91.5770, 28.8025, 48.6060



85.3860, -42.0953, 61.9285



68.5770, -19.0185, -60.1420



85.4490, 45.6276, -74.9388

Rectangle

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



91.5770, 28.8025, 48.6060



76.4320, -4.6500, 91.7061



68.5770, -19.0185, -60.1420



81.2990, 19.5726, -71.2992

Sweetspot

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



91.5770, 28.8025, 48.6060



170.8080, 11.4337, 19.4624



64.9330, 41.9380, -11.3422



83.2000, 6.8034, 11.2256



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.



91.5770, 28.8025, 48.6060



103.8680, 44.4351, 74.6608



87.2300, 8.2676, 55.0493



69.8910, 2.0257, 3.6036



55.4990, 40.6730, 67.9684



4.1300, 2.8939, 5.1480

Inverse Universe

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



81.6440, -13.1355, 59.9482



88.6050, -20.5113, 92.4314



114.7700, -8.2676, -55.0493



69.0930, -1.0318, 4.3034



41.7180, -18.5950, 84.4393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 91.5770, 28.8025, 48.6060 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



This preview shows how the YUV color 91.5770, 28.8025, 48.6060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

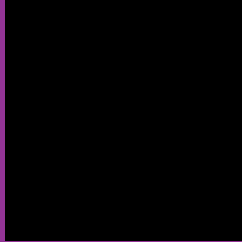
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.5770, 28.8025, 48.6060

Background



This preview shows how black text looks on a background with the YUV color 91.5770, 28.8025, 48.6060.



This preview shows how white text looks on a background with the YUV color 91.5770, 28.8025,

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

91.5770, 28.8025, 48.6060

Protanopia

83.0040, 50.7770, -46.4845

Deuteranopia

91.5240, 25.3777, -19.7535



Tritanopia

94.0050, -7.3975, 39.4606

Trichromacy



Original Color

91.5770, 28.8025, 48.6060



Protanomaly

86.1610, 42.8116, -11.5422



Deuteranomaly

91.4330, 26.9015, 4.8823



Tritanomaly

93.1700, 5.8322, 42.8239

Monochromacy



Original Color

91.5770, 28.8025, 48.6060



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

91.5690, 10.5655, 17.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.5770, 28.8025, 48.6060 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, 52, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 52, 150)  
}
```

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, 52, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 52, 150) }
```

Border

The CSS property to change the border of an element to YUV 91.5770, 28.8025, 48.6060 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, 52, 150) }
```


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

```
.border{ border-color:rgb(147, 52, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 52, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 52, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 52, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 52,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 91.5770, 28.8025, 48.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 52, 150) }
```

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

```
.background{ background-color: rgb(147, 52,  
150) }
```

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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