

Converting Colors

YUV(90.8880, 27.1702, 58.8572)

Have a look what the booklet for
YUV(90.8880, 27.1702, 58.8572)
contains.

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Color

**YUV(90.8880, 27.1702,
58.8572)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2E92
RGB	158, 46, 146
RGB Percent	62%, 18%, 57%
CMY	0.3804, 0.8196, 0.4275
CMYK	0.00, 0.71, 0.08, 0.38
HSL	306°, 55%, 40%
HSV	306°, 71%, 62%
XYZ	20.2659, 11.2984, 28.3068
YIQ	90.8880, 34.6520, 54.8440

Conversions

Conversions Part 2

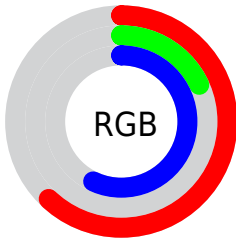
Format	Color
R _Y B	158, 46, 146
Decimal	10366610
CIE Lab	40.08, 56.99, -30.96
CIE LCh	40, 64.855, 331.487
Yxy	11.2984, 0.3385, 0.1887
Android (android.graphics.Color)	4288556690 (0xFF9E2E92)
YUV	90.8880, 27.1702, 58.8572
Hunter-Lab	33.6131, 48.7974, -26.4011

Details

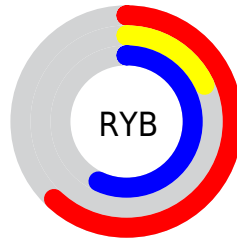
The YUV color **90.8880, 27.1702, 58.8572** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.1120, -27.1702, -58.8572**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9590, 26.1492, 59.6720**, and **41.6270, 26.3129, 53.8241** is the 20% darker color. If you saturate the color by 10%, you get **81.2680, 30.9269, 67.2940**, and if you desaturate by 10%, it is **100.5080, 23.4136, 50.4205**.

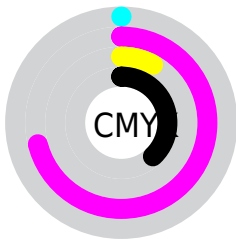
Distribution



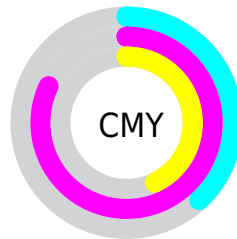
- Red (62%)
- Green (18%)
- Blue (57%)



- Red (62%)
- Yellow (18%)
- Blue (57%)



- Cyan (0%)
- Magenta (71%)
- Yellow (8%)
- Black (38%)





- Cyan (38%)
- Magenta (82%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.8880, 27.1702, 58.8572 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 90.8880, 27.1702, 58.8572 by changing the saturation by 10% instead.


 90.8880, 27.1702,
58.8572


 90.8880, 27.1702,
58.8572


255.0000, 0.0000,
0.0000


 56.6590, 31.2271,
64.3201


 146.9590, 26.1492,
59.6720


 41.6270, 26.3129,
53.8241


 175.6710, 26.2912,
60.8015


 30.8180, 19.8097,
39.6246

 197.4740, 28.3603,
50.4503

 21.3190, 13.1537,
27.7842

 213.9100, 20.2574,
36.0359

 8.6450, 8.5560,
9.0813

 230.9330, 11.8650,
21.1068

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

6.1776

■ 90.8880, 27.1702,
58.8572

■ 90.8880, 27.1702,
58.8572

■ 81.2680, 30.9269,
67.2940

■ 100.5080, 23.4136,
50.4205

■ 71.7620, 35.1203,
75.6307

■ 110.0140, 19.2201,
42.0837

■ 63.3160, 38.2982,
83.0379

■ 119.0470, 15.7528,
34.1618

■ 128.6670, 11.9962,
25.7250

■ 138.1730, 7.8027,
17.3883

■ 147.7930, 4.0461,
8.9515

■ 157.4130, 0.2894,
0.5148

■ 166.4460, -3.1779,
-7.4071

■ 175.9520, -7.3713,
-15.7439

Harmonies

Analogous

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



94.7860, 44.9685, -3.3203



90.8880, 27.1702, 58.8572



73.9500, 9.8847, 96.5139

Triad

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



90.8880, 27.1702, 58.8572



88.3780, -43.5704, 21.5935



85.6650, 31.2242, -75.1282

Complementary

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



90.8880, 27.1702, 58.8572



113.1120, -27.1702, -58.8572

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.



79.6230, 8.0739, -69.8294



90.8880, 27.1702, 58.8572



80.1510, -39.5144, -19.4264

Square

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



90.8880, 27.1702, 58.8572



87.7230, -43.2474, 58.1249



71.3640, -15.9555, -62.5862



87.1760, 49.7062, -76.4534

Rectangle

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



90.8880, 27.1702, 58.8572



77.5910, -9.1654, 93.3207



71.3640, -15.9555, -62.5862



83.7270, 23.7986, -73.4286

Sweetspot

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



90.8880, 27.1702, 58.8572



180.6020, 10.5492, 23.1510



62.0570, 47.2999, -4.4350



88.8090, 6.5032, 14.1995



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



90.8880, 27.1702, 58.8572



101.5220, 42.6337, 92.5042



84.6180, 3.1463, 64.3560



74.1900, 1.8783, 4.2184



57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Inverse Universe

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



90.8880, 27.1702, 58.8572



101.5220, 42.6337, 92.5042



119.3820, -3.1463, -64.3560



74.1900, 1.8783, 4.2184



57.2350, 34.3941, 75.2159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 90.8880, 27.1702, 58.8572 looks on a white background.

Color Contrast Check

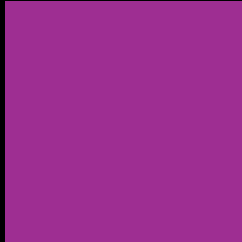
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.8880, 27.1702, 58.8572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

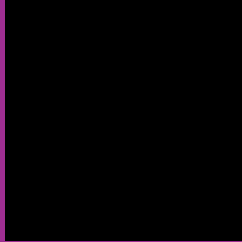
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8880, 27.1702, 58.8572

Background



This preview shows how black text looks on a background with the YUV color 90.8880, 27.1702, 58.8572.



This preview shows how white text looks on a background with the YUV color 90.8880, 27.1702,

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

90.8880, 27.1702, 58.8572

Protanopia

86.0860, 49.7506, -43.9254

Deuteranopia

94.9330, 21.7250, -14.8502



Tritanopia

94.0880, -9.9034, 49.9118

Trichromacy



Original Color

90.8880, 27.1702, 58.8572

Protanomaly

87.5530, 41.6324, -6.6240

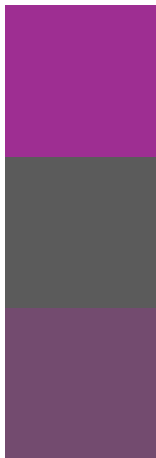
Deuteranomaly

93.3800, 23.9697, 11.9447

Tritanomaly

93.2530, 3.3263, 53.2751

Monochromacy



Original Color

90.8880, 27.1702, 58.8572

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0640, 9.8284, 20.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8880, 27.1702, 58.8572 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(158, 46, 146)` looks like.

```
.text, #text, p{  
    color:rgb(158, 46, 146)  
}
```

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(158, 46, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 46, 146) }
```

Border

The CSS property to change the border of an element to YUV 90.8880, 27.1702, 58.8572 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(158, 46, 146) }
```


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

```
.border{ border-color:rgb(158, 46, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 46, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 46, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 46, 146);  
box-shadow:4px 4px 4px 4px rgb(158, 46,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 90.8880, 27.1702, 58.8572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 46, 146) }
```

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

```
.background{ background-color: rgb(158, 46,  
146) }
```

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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