

Converting Colors

YUV(90.0790, 24.1181, 57.8127)

Have a look what the booklet for
YUV(90.0790, 24.1181, 57.8127)
contains.

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Color

**YUV(90.0790, 24.1181,
57.8127)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2F8B
RGB	156, 47, 139
RGB Percent	61%, 18%, 55%
CMY	0.3882, 0.8157, 0.4549
CMYK	0.00, 0.70, 0.11, 0.39
HSL	309°, 54%, 40%
HSV	309°, 70%, 61%
XYZ	19.3870, 10.9650, 25.5208
YIQ	90.0790, 35.4320, 51.7200

Conversions

Conversions Part 2

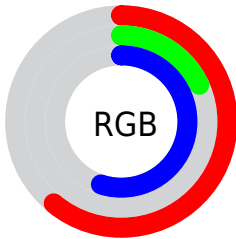
Format	Color
R_{YB}	156, 47, 139
Decimal	10235787
CIE _{Lab}	39.52, 55.01, -27.59
CIE _{LCh}	40, 61.538, 333.367
Yxy	10.9650, 0.3470, 0.1962
Android (android.graphics.Color)	4288425867 (0xFF9C2F8B)
YUV	90.0790, 24.1181, 57.8127
Hunter-Lab	33.1135, 46.5581, -22.5157

Details

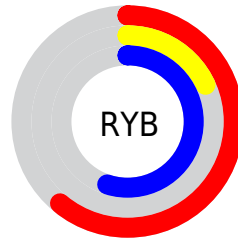
The YUV color **90.0790, 24.1181, 57.8127** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.9210, -24.1181, -57.8127**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5630, 23.3864, 59.1422**, and **40.3450, 23.9869, 53.1944** is the 20% darker color. If you saturate the color by 10%, you get **80.4590, 27.8747, 66.2495**, and if you desaturate by 10%, it is **99.6990, 20.3614, 49.3760**.

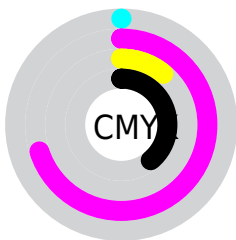
Distribution



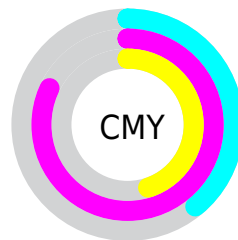
- Red (61%)
- Green (18%)
- Blue (55%)



- Red (61%)
- Yellow (18%)
- Blue (55%)



- Cyan (0%)
- Magenta (70%)
- Yellow (11%)
- Black (39%)





- Cyan (39%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.0790, 24.1181, 57.8127 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 90.0790, 24.1181, 57.8127 by changing the saturation by 10% instead.


 90.0790, 24.1181,
57.8127


 90.0790, 24.1181,
57.8127


255.0000, 0.0000,
0.0000


 57.6110, 27.3068,
61.7312


 145.5630, 23.3864,
59.1422


 40.3450, 23.9869,
53.1944


 174.1610, 23.0916,
60.3718


 29.8350, 17.3363,
39.6097

 196.9040, 26.1763,
50.9502

 20.4500, 11.1172,
27.6694

 213.9100, 20.2574,
36.0359

 6.4660, 6.6723,
6.6073

 230.9330, 11.8650,
21.1068

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

6.1776

■ 90.0790, 24.1181,
57.8127

■ 90.0790, 24.1181,
57.8127

■ 80.4590, 27.8747,
66.2495

■ 99.6990, 20.3614,
49.3760

■ 71.3120, 30.9052,
74.2714

■ 108.8460, 17.3309,
41.3541

■ 61.6920, 34.6618,
82.7081

■ 118.4660, 13.5743,
32.9173

■ 127.6130, 10.5438,
24.8954

■ 137.2330, 6.7871,
16.4587

■ 146.9670, 3.4673,
7.9219

■ 156.0000, 0.0000,
0.0000

■ 165.6200, -3.7567,
-8.4367

■ 174.7670, -6.7871,
-16.4587

Harmonies

Analogous

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



94.1950, 41.3159, 1.5830



90.0790, 24.1181, 57.8127



78.4560, 5.6912, 88.1771

Triad

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



90.0790, 24.1181, 57.8127



87.1820, -42.9807, 19.1344



83.6760, 31.2187, -73.3839

Complementary

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



90.0790, 24.1181, 57.8127



112.9210, -24.1181, -57.8127

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.



78.0900, 9.8156, -68.4849



90.0790, 24.1181, 57.8127



78.3790, -38.6408, -19.6264

Square

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



90.0790, 24.1181, 57.8127



87.1030, -42.9418, 53.4067



70.8740, -12.7559, -62.1565



85.4320, 48.1010, -74.9239

Rectangle

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



90.0790, 24.1181, 57.8127



80.2650, -11.4696, 85.7136



70.8740, -12.7559, -62.1565



82.5530, 24.3774, -72.3990

Sweetspot

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



90.0790, 24.1181, 57.8127



177.9610, 9.3862, 22.8362



64.2100, 45.2525, -1.0612



86.8690, 5.4876, 13.2699



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



90.0790, 24.1181, 57.8127



100.5450, 37.6923, 90.7300



83.9230, 0.5310, 63.2115



74.1900, 1.8783, 4.2184



56.5510, 31.7734, 75.8158



5.9670, 3.4673, 7.9219

Inverse Universe

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



90.0790, 24.1181, 57.8127



100.5450, 37.6923, 90.7300



119.0770, -0.5310, -63.2115



74.1900, 1.8783, 4.2184



56.5510, 31.7734, 75.8158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 90.0790, 24.1181, 57.8127 looks on a white background.

Color Contrast Check

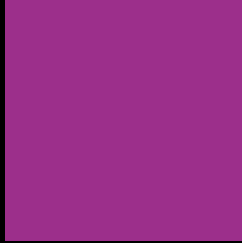
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.0790, 24.1181, 57.8127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

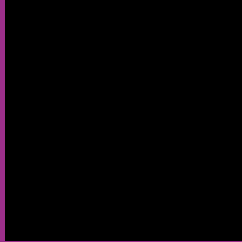
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0790, 24.1181, 57.8127

Background



This preview shows how black text looks on a background with the YUV color 90.0790, 24.1181, 57.8127.



This preview shows how white text looks on a background with the YUV color 90.0790, 24.1181,

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

90.0790, 24.1181, 57.8127

Protanopia

87.6480, 44.0505, -35.6483

Deuteranopia

93.8580, 18.8040, -11.2765



Tritanopia

92.6750, -10.1928, 49.3970

Trichromacy



Original Color

90.0790, 24.1181, 57.8127

Protanomaly

88.6200, 36.6693, -1.4207

Deuteranomaly

92.2940, 21.0541, 13.7742

Tritanomaly

91.6120, 2.1633, 52.9603

Monochromacy



Original Color

90.0790, 24.1181, 57.8127

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8360, 8.9549, 21.1918

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0790, 24.1181, 57.8127 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(156, 47, 139)` looks like.

```
.text, #text, p{  
  color:rgb(156, 47, 139)  
}
```

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(156, 47, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 47, 139) }
```

Border

The CSS property to change the border of an element to YUV 90.0790, 24.1181, 57.8127 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(156, 47, 139) }
```


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

```
.border{ border-color:rgb(156, 47, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 47, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 47, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 47, 139);  
box-shadow:4px 4px 4px 4px rgb(156, 47,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 90.0790, 24.1181, 57.8127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 47, 139) }
```

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

```
.background{ background-color: rgb(156, 47,  
139) }
```

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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