

Converting Colors

YUV(107.8940, 24.7023,
57.0980)

Have a look what the booklet for
YUV(107.8940, 24.7023, 57.0980)
contains.

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Color

**YUV(107.8940, 24.7023,
57.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	AD419E
RGB	173, 65, 158
RGB Percent	68%, 25%, 62%
CMY	0.3216, 0.7451, 0.3804
CMYK	0.00, 0.62, 0.09, 0.32
HSL	308°, 45%, 47%
HSV	308°, 62%, 68%
XYZ	25.2954, 15.1335, 33.9356
YIQ	107.8940, 34.5150, 51.8190

Conversions

Conversions Part 2

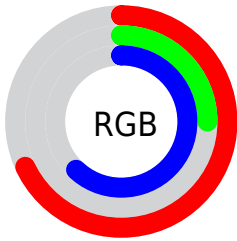
Format	Color
R_{YB}	173, 65, 158
Decimal	11354526
CIE _{Lab}	45.82, 55.17, -29.02
CIE _{LCh}	46, 62.334, 332.253
Yxy	15.1335, 0.3402, 0.2035
Android (android.graphics.Color)	4289544606 (0xFFAD419E)
YUV	107.8940, 24.7023, 57.0980
Hunter-Lab	38.9017, 47.9896, -24.4899

Details

The YUV color **107.8940, 24.7023, 57.0980** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **130.1060, -24.7023, -57.0980**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7910, 24.2600, 58.9423**, and **47.0670, 29.0540, 61.3312** is the 20% darker color. If you saturate the color by 10%, you get **97.6870, 28.7483, 66.0495**, and if you desaturate by 10%, it is **118.1010, 20.6562, 48.1464**.

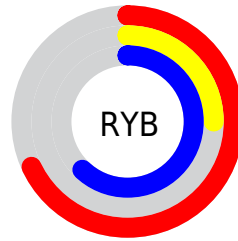
Distribution



Red (68%)

Green (25%)

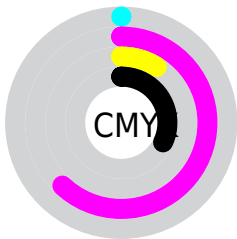
Blue (62%)



Red (68%)

Yellow (25%)

Blue (62%)

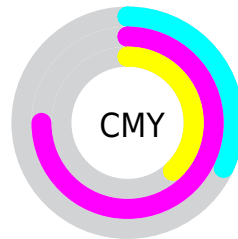


Cyan (0%)

Magenta (62%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (75%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.8940, 24.7023, 57.0980 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 107.8940, 24.7023, 57.0980 by changing the saturation by 10% instead.

 107.8940, 24.7023,
57.0980


 107.8940, 24.7023,
57.0980


255.0000, 0.0000,
0.0000


 79.5350, 25.8652,
57.4128


 163.7910, 24.2600,
58.9423


 47.0670, 29.0540,
61.3312


 190.0080, 25.1391,
56.9980


 36.5570, 22.4034,
47.7465


 208.0400, 23.1513,
41.1839

 25.7480, 15.9002,
33.5470

 224.4760, 15.0483,
26.7695

 16.0640, 9.8284,
20.9919

 241.4990, 6.6560,
11.8404

 1.2540, 4.8048,
-1.0998

 0.0000, 0.0000,

0.0000

■ 107.8940, 24.7023,
57.0980

■ 107.8940, 24.7023,
57.0980

■ 97.6870, 28.7483,
66.0495

■ 118.1010, 20.6562,
48.1464

■ 86.7790, 32.6470,
75.6158

■ 129.0090, 16.7576,
38.5801

■ 76.5720, 36.6930,
84.5674

■ 139.2160, 12.7115,
29.6286

■ 68.7130, 39.5815,
91.4597

■ 149.5370, 9.1023,
20.5771

■ 160.3310, 4.7668,
11.1107

■ 170.5380, 0.7208,
2.1592

■ 180.8590, -2.8885,
-6.8923

■ 191.0660, -6.9345,
-15.8439

■ 201.9740,
-10.8332, -25.4102

Harmonies

Analogous

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



110.0530, 43.3579, -0.0465



107.8940, 24.7023, 57.0980



98.9890, 3.9494, 86.8326

Triad

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



107.8940, 24.7023, 57.0980



101.6680, -50.1223, 23.0932



95.4790, 33.2879, -83.7351

Complementary

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



107.8940, 24.7023, 57.0980



130.1060, -24.7023, -57.0980

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.



89.5510, 10.5744, -78.5362



107.8940, 24.7023, 57.0980



93.1530, -45.9244, -16.7972

Square

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



107.8940, 24.7023, 57.0980



101.3010, -49.9414, 58.4950



81.6340, -12.1446, -71.5930



96.8760, 51.3331, -84.9603

Rectangle

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



107.8940, 24.7023, 57.0980



98.6350, -12.6381, 87.1431



81.6340, -12.1446, -71.5930



94.2420, 26.0097, -82.6502

Sweetspot

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



107.8940, 24.7023, 57.0980



198.6620, 9.5336, 22.2214



81.4980, 45.1105, -2.1907



96.3960, 6.2138, 13.6847



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



107.8940, 24.7023, 57.0980



122.7620, 38.5713, 88.7857



101.8520, 1.5520, 62.3968



81.4890, 1.7309, 4.8331



59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Inverse Universe

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



107.8940, 24.7023, 57.0980



122.7620, 38.5713, 88.7857



136.1480, -1.5520, -62.3968



81.4890, 1.7309, 4.8331



59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 107.8940, 24.7023, 57.0980 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 107.8940, 24.7023, 57.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

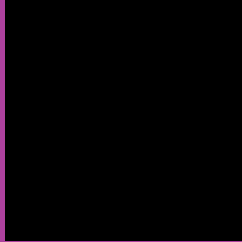
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.8940, 24.7023, 57.0980

Background



This preview shows how black text looks on a background with the YUV color 107.8940, 24.7023, 57.0980.



This preview shows how white text looks on a background with the YUV color 107.8940, 24.7023,

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

107.8940, 24.7023, 57.0980

Protanopia

104.9690, 43.8923, -31.5448

Deuteranopia

109.0150, 20.6986, -12.2912



Tritanopia

109.2020, -9.4666, 49.8118

Trichromacy



Original Color

107.8940, 24.7023, 57.0980



Protanomaly

106.0440, 36.9533, 0.8384



Deuteranomaly

108.3370, 22.5119, 12.8595



Tritanomaly

108.8400, 3.0369, 52.7603

Monochromacy



Original Color

107.8940, 24.7023, 57.0980



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

107.8360, 8.9549, 21.1918

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.8940, 24.7023, 57.0980 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(173, 65, 158)` looks like.

```
.text, #text, p{  
    color:rgb(173, 65, 158)  
}
```

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(173, 65, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 65, 158) }
```

Border

The CSS property to change the border of an element to YUV 107.8940, 24.7023, 57.0980 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(173, 65, 158) }
```


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

```
.border{ border-color:rgb(173, 65, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 65, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 65, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 65, 158);  
box-shadow:4px 4px 4px 4px rgb(173, 65,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 107.8940, 24.7023, 57.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 65, 158) }
```

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

```
.background{ background-color: rgb(173, 65,  
158) }
```

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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