

Converting Colors

YUV(92.4220, 17.0470, 39.0949)

Have a look what the booklet for
YUV(92.4220, 17.0470, 39.0949)
contains.

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Color

**YUV(92.4220, 17.0470,
39.0949)**

Conversions

Conversions Part 1

Format	Color
Hex	893F7F
RGB	137, 63, 127
RGB Percent	54%, 25%, 50%
CMY	0.4627, 0.7529, 0.5020
CMYK	0.00, 0.54, 0.07, 0.46
HSL	308°, 37%, 39%
HSV	308°, 54%, 54%
XYZ	15.9248, 10.4057, 21.2478
YIQ	92.4220, 23.5600, 35.5920

Conversions

Conversions Part 2

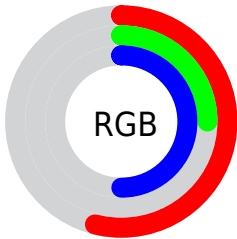
Format	Color
R_{YB}	137, 63, 127
Decimal	8994687
CIE _{Lab}	38.56, 40.47, -21.94
CIE _{LCh}	39, 46.031, 331.540
Yxy	10.4057, 0.3347, 0.2187
Android (android.graphics.Color)	4287184767 (0xFF893F7F)
YUV	92.4220, 17.0470, 39.0949
Hunter-Lab	32.2578, 31.6693, -16.4731

Details

The YUV color **92.4220, 17.0470, 39.0949** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.5780, -17.0470, -39.0949**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8460, 17.3309, 41.3541**, and **39.5900, 18.9361, 39.8246** is the 20% darker color. If you saturate the color by 10%, you get **83.9760, 20.2248, 46.5020**, and if you desaturate by 10%, it is **100.8680, 13.8691, 31.6878**.

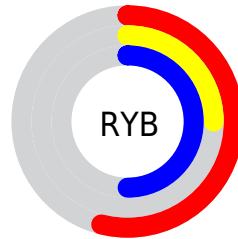
Distribution



Red (54%)

Green (25%)

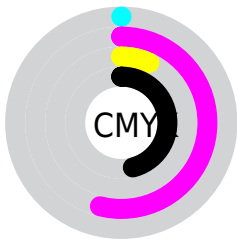
Blue (50%)



Red (54%)

Yellow (25%)

Blue (50%)

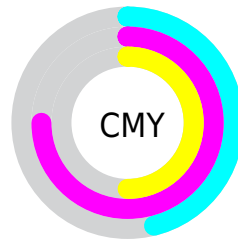


Cyan (0%)

Magenta (54%)

Yellow (7%)

Black (46%)



Cyan (46%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4220, 17.0470, 39.0949 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 92.4220, 17.0470, 39.0949 by changing the saturation by 10% instead.

92.4220, 17.0470,
39.0949

92.4220, 17.0470,
39.0949

255.0000, 0.0000,
0.0000

66.8240, 17.3418,
37.8654

144.8460, 17.3309,
41.3541

39.5900, 18.9361,
39.8246

171.9710, 17.7623,
42.9984

24.2100, 15.1795,
31.3878

200.2700, 17.6149,
43.6132

15.4230, 8.6655,
20.6770

219.7800, 17.3635,
30.8879

0.5700, 2.1840,
-0.4999

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 92.4220, 17.0470,
39.0949

■ 92.4220, 17.0470,
39.0949

■ 83.9760, 20.2248,
46.5020

■ 100.8680, 13.8691,
31.6878

■ 76.1170, 23.1133,
53.3944

■ 108.7270, 10.9806,
24.7954

■ 67.6710, 26.2912,
60.8015

■ 117.1730, 7.8027,
17.3883

■ 59.3390, 29.9059,
68.1087

■ 125.5050, 4.1880,
10.0811

■ 54.4150, 31.3474,
72.4270

■ 133.9510, 1.0102,
2.6740

■ 141.8100, -1.8783,
-4.2184

■ 150.2560, -5.0562,
-11.6255

■ 158.7020, -8.2341,
-19.0327

■ 166.5610,
-11.1226, -25.9250

Harmonies

Analogous

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



92.4370, 30.8436, 0.4938



92.4220, 17.0470, 39.0949



88.0150, 0.9786, 59.6228

Triad

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



92.4220, 17.0470, 39.0949



84.9370, -41.3809, 19.3493



78.1020, 25.0927, -68.4955

Complementary

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



92.4220, 17.0470, 39.0949



107.5780, -17.0470, -39.0949

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.



73.8840, 8.9312, -64.7963



92.4220, 17.0470, 39.0949



81.7960, -30.9584, -10.3451

Square

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



92.4220, 17.0470, 39.0949



87.4960, -32.2895, 43.4150



68.2640, -7.5252, -59.8675



78.8320, 38.0438, -69.1357

Rectangle

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



92.4220, 17.0470, 39.0949



87.3390, -10.5201, 61.0927



68.2640, -7.5252, -59.8675



76.7340, 19.8511, -67.2957

Sweetspot

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



92.4220, 17.0470, 39.0949



161.5210, 6.6451, 15.3291



74.4260, 30.8490, -1.2506



78.7930, 4.0461, 8.9515



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



92.4220, 17.0470, 39.0949



108.4970, 26.8700, 61.8311



88.2040, 0.8854, 42.7941



64.7770, 1.5889, 3.7036



52.8770, 30.6266, 70.2679



1.9510, 1.0102, 2.6740

Inverse Universe

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



92.4220, 17.0470, 39.0949



108.4970, 26.8700, 61.8311



111.7960, -0.8854, -42.7941



64.7770, 1.5889, 3.7036



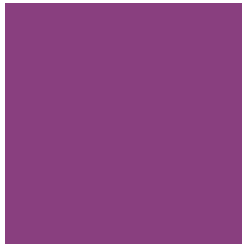
52.8770, 30.6266, 70.2679



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 92.4220, 17.0470, 39.0949 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 92.4220, 17.0470, 39.0949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

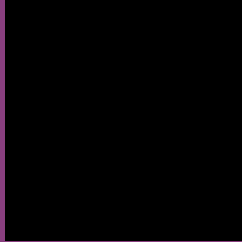
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4220, 17.0470, 39.0949

Background



This preview shows how black text looks on a background with the YUV color 92.4220, 17.0470, 39.0949.



This preview shows how white text looks on a background with the YUV color 92.4220, 17.0470,

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

92.4220, 17.0470, 39.0949

Protanopia

90.1480, 29.0140, -19.4238

Deuteranopia

91.5550, 15.0094, -7.5027



Tritanopia

92.0260, -5.9288, 35.0572

Trichromacy



Original Color

92.4220, 17.0470, 39.0949

Protanomaly

90.8410, 24.7284, 1.8934

Deuteranomaly

91.8930, 15.8288, 9.7408

Tritanomaly

92.2140, 2.3595, 36.6463

Monochromacy



Original Color

92.4220, 17.0470, 39.0949

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.8090, 6.5032, 14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4220, 17.0470, 39.0949 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(137, 63, 127)` looks like.

```
.text, #text, p{  
    color:rgb(137, 63, 127)  
}
```

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(137, 63, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 63, 127) }
```

Border

The CSS property to change the border of an element to YUV 92.4220, 17.0470, 39.0949 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(137, 63, 127) }
```


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

```
.border{ border-color:rgb(137, 63, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 63, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 63, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 63, 127);  
box-shadow:4px 4px 4px 4px rgb(137, 63,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 92.4220, 17.0470, 39.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 63, 127) }
```

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

```
.background{ background-color: rgb(137, 63,  
127) }
```

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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