

Converting Colors

YUV(96.1220, 1.9119, 40.2350)

Have a look what the booklet for
YUV(96.1220, 1.9119, 40.2350)
contains.

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Color

**YUV(96.1220, 1.9119,
40.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4864
RGB	142, 72, 100
RGB Percent	56%, 28%, 39%
CMY	0.4431, 0.7176, 0.6078
CMYK	0.00, 0.49, 0.30, 0.44
HSL	336°, 33%, 42%
HSV	336°, 49%, 56%
XYZ	15.7729, 11.3056, 13.4075
YIQ	96.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

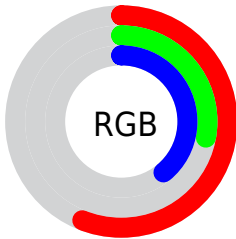
Format	Color
R_{YB}	142, 72, 100
Decimal	9324644
CIE Lab	40.09, 33.00, -2.79
CIE LCh	40, 33.114, 355.162
Yxy	11.3056, 0.3896, 0.2792
Android (android.graphics.Color)	4287514724 (0xFF8E4864)
YUV	96.1220, 1.9119, 40.2350
Hunter-Lab	33.6238, 24.8927, -0.1052

Details

The YUV color **96.1220, 1.9119, 40.2350** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **117.8780, -1.9119, -40.2350**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6170, 1.1748, 43.3089**, and **46.1540, 3.3751, 37.5759** is the 20% darker color. If you saturate the color by 10%, you get **86.8780, 2.0321, 48.3420**, and if you desaturate by 10%, it is **105.3660, 1.7916, 32.1280**.

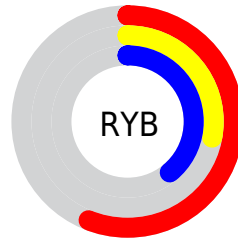
Distribution



Red (56%)

Green (28%)

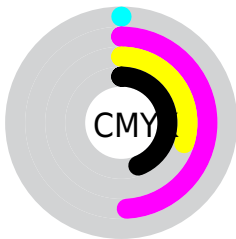
Blue (39%)



Red (56%)

Yellow (28%)

Blue (39%)

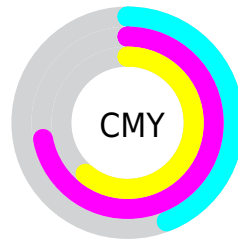


Cyan (0%)

Magenta (49%)

Yellow (30%)

Black (44%)



Cyan (44%)


Magenta (72%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.1220, 1.9119, 40.2350 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 96.1220, 1.9119, 40.2350 by changing the saturation by 10% instead.


 96.1220, 1.9119,
40.2350


 96.1220, 1.9119,
40.2350

255.0000, 0.0000,
0.0000


 71.2250, 2.3541,
38.3907


 148.6170, 1.1748,
43.3089

 46.1540, 3.3751,
37.5759

 175.2150, 0.8800,
44.5384


 22.7840, 4.5435,
36.1464

 202.9270, 1.0220,
45.6680

 14.1820, -2.5547,
26.1504

 222.5550, 5.1494,
28.4543

 0.0000, 0.0000,
0.0000

 241.4990, 6.6560,
11.8404

■ 96.1220, 1.9119,
40.2350

■ 96.1220, 1.9119,
40.2350

■ 86.8780, 2.0321,
48.3420

■ 105.3660, 1.7916,
32.1280

■ 77.7480, 2.5892,
56.3490

■ 114.4960, 1.2345,
24.1210

■ 67.9170, 2.9989,
64.9708

■ 124.3270, 0.8248,
15.4992

■ 58.7870, 3.5560,
72.9778

■ 133.4570, 0.2677,
7.4922

■ 49.5430, 3.6763,
81.0848

■ 142.7010, 0.1474,
-0.6148

■ 48.9560, 3.9657,
81.5996

■ 151.8310, -0.4097,
-8.6218

■ 161.0750, -0.5300,
-16.7288

■ 170.7920, -1.3765,

-25.2506

■ 180.0360, -1.4967,
-33.3576

Harmonies

Analogous

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



97.8130, 13.8962, 22.9660



96.1220, 1.9119, 40.2350



94.5280, -10.6133, 44.2639

Triad

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



96.1220, 1.9119, 40.2350



90.0280, -22.6918, -1.7786



77.3670, 29.8921, -67.8509

Complementary

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



96.1220, 1.9119, 40.2350



117.8780, -1.9119, -40.2350

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.



76.7340, 19.8511, -67.2957



96.1220, 1.9119, 40.2350



85.1480, -11.4120, -26.4398

Square

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



96.1220, 1.9119, 40.2350



91.9490, -26.1039, 19.3387



73.5420, 7.6208, -64.4963



84.5530, 31.2794, -46.0890

Rectangle

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



96.1220, 1.9119, 40.2350



93.8450, -18.1646, 39.6009



73.5420, 7.6208, -64.4963



77.2700, 26.9819, -67.7658

Sweetspot

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



96.1220, 1.9119, 40.2350



165.6260, 0.6774, 16.1140



92.5380, 24.3848, 18.8222



80.8810, 0.5517, 9.7514



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



96.1220, 1.9119, 40.2350



112.6070, 3.1517, 62.6117



97.0390, -12.3442, 39.4308



66.4350, 0.2785, 4.0035



46.5210, 3.6871, 77.5961



2.7340, 0.1311, 4.6183

Inverse Universe

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



96.1220, 1.9119, 40.2350



112.6070, 3.1517, 62.6117



116.9610, 12.3442, -39.4308



66.4350, 0.2785, 4.0035



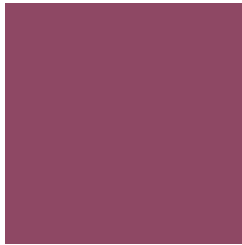
46.5210, 3.6871, 77.5961



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 96.1220, 1.9119, 40.2350 looks on a white background.

Color Contrast Check

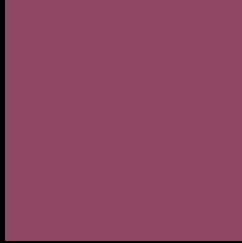
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.1220, 1.9119, 40.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

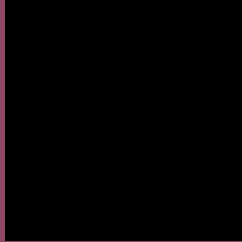
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1220, 1.9119, 40.2350

Background



This preview shows how black text looks on a background with the YUV color 96.1220, 1.9119, 40.2350.



This preview shows how white text looks on a background with the YUV color 96.1220, 1.9119,

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

96.1220, 1.9119, 40.2350

Protanopia

95.3830, 9.1782, -3.8439

Deuteranopia

95.8590, 0.5625, 6.2627



Tritanopia

95.7060, -7.2501, 38.8458

Trichromacy



Original Color

96.1220, 1.9119, 40.2350

Protanomaly

95.7980, 6.5086, 12.4552

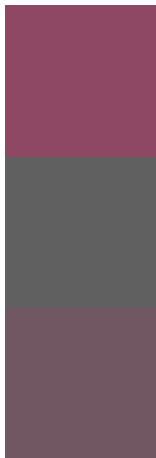
Deuteranomaly

96.0500, 0.9614, 18.3732

Tritanomaly

96.2160, -4.0505, 39.2756

Monochromacy



Original Color

96.1220, 1.9119, 40.2350

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9140, 0.5354, 14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1220, 1.9119, 40.2350 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(142, 72, 100)` looks like.

```
.text, #text, p{  
    color:rgb(142, 72, 100)  
}
```

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(142, 72, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 72, 100) }
```

Border

The CSS property to change the border of an element to YUV 96.1220, 1.9119, 40.2350 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(142, 72, 100) }
```


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

```
.border{ border-color:rgb(142, 72, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 72, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 72, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 72, 100);  
box-shadow:4px 4px 4px 4px rgb(142, 72,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 96.1220, 1.9119, 40.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 72, 100) }
```

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

```
.background{ background-color: rgb(142, 72,  
100) }
```

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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