

Converting Colors

YUV(124.1220, 1.9119, 40.2350)

Have a look what the booklet for
YUV(124.1220, 1.9119, 40.2350)
contains.

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Color

**YUV(124.1220, 1.9119,
40.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6480
RGB	170, 100, 128
RGB Percent	67%, 39%, 50%
CMY	0.3333, 0.6078, 0.4980
CMYK	0.00, 0.41, 0.25, 0.33
HSL	336°, 29%, 53%
HSV	336°, 41%, 67%
XYZ	25.0310, 19.2189, 22.8124
YIQ	124.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

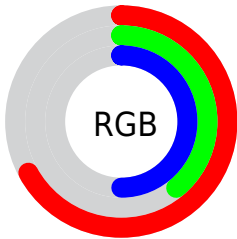
Format	Color
R_{YB}	170, 100, 128
Decimal	11166848
CIE _{Lab}	50.94, 31.95, -3.37
CIE _{LCh}	51, 32.124, 353.981
Yxy	19.2189, 0.3733, 0.2866
Android (android.graphics.Color)	4289356928 (0xFFAA6480)
YUV	124.1220, 1.9119, 40.2350
Hunter-Lab	43.8394, 25.1995, -0.1648

Details

The YUV color **124.1220, 1.9119, 40.2350** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145.8780, -1.9119, -40.2350**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7310, 1.6116, 43.2089**, and **73.6270, 2.6489, 37.1611** is the 20% darker color. If you saturate the color by 10%, you get **113.0030, 2.4635, 49.9864**, and if you desaturate by 10%, it is **135.2410, 1.3602, 30.4836**.

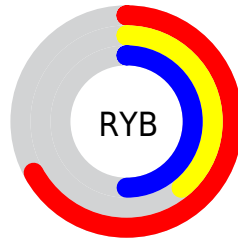
Distribution



Red (67%)

Green (39%)

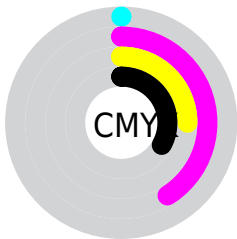
Blue (50%)



Red (67%)

Yellow (39%)

Blue (50%)

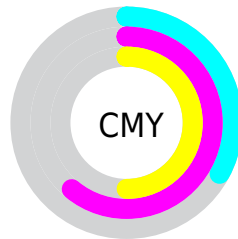


Cyan (0%)

Magenta (41%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (61%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.1220, 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 124.1220, 1.9119, 40.2350 by changing the saturation by 10% instead.


 124.1220, 1.9119,
40.2350


 124.1220, 1.9119,
40.2350


255.0000, 0.0000,
0.0000


 98.5240, 2.2067,
39.0055


 177.7310, 1.6116,
43.2089

 73.6270, 2.6489,
37.1611


 205.0300, 1.4642,
43.8237

 49.1430, 3.3805,
35.8316

 224.7720, 6.0284,
26.5100

 24.0120, 5.4171,
35.9465

 243.8470, 5.4984,
9.7812

 14.6380, -0.8075,
25.7505

 0.0000, 0.0000,
0.0000

124.1220, 1.9119,
40.2350

124.1220, 1.9119,
40.2350

113.0030, 2.4635,
49.9864

135.2410, 1.3602,
30.4836

101.8840, 3.0152,
59.7377

146.3600, 0.8085,
20.7323

90.6510, 3.1301,
69.5891

157.5930, 0.6937,
10.8809

79.5320, 3.6817,
79.3404

168.7120, 0.1420,
1.1296

68.4130, 4.2334,
89.0918

179.8310, -0.4097,
-8.6218


58.5820, 4.6431,
97.7136

190.9500, -0.9613,
-18.3731

202.0690, -1.5130,
-28.1245

213.3020, -1.6279,

-37.9759

 224.4210, -2.1796,
-47.7272

Harmonies

Analogous

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



124.6280, 14.4804, 22.2512



124.1220, 1.9119, 40.2350



122.7130, -11.1975, 44.9787

Triad

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



124.1220, 1.9119, 40.2350



116.9250, -23.1340, 0.0658



96.2940, 33.8721, -84.4498

Complementary

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



124.1220, 1.9119, 40.2350



145.8780, -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.



95.5470, 23.3943, -83.7947



124.1220, 1.9119, 40.2350



112.6320, -12.1436, -25.1103

Square

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



124.1220, 1.9119, 40.2350



119.8460, -26.5461, 21.1831



105.5110, 4.6781, -53.9451



114.5430, 29.8053, -39.9412

Rectangle

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



124.1220, 1.9119, 40.2350



121.7420, -18.6068, 41.4453



105.5110, 4.6781, -53.9451



96.7840, 30.6725, -84.8796

Sweetspot

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



124.1220, 1.9119, 40.2350



204.3270, 0.8248, 15.4992



120.5380, 24.3848, 18.8222



101.5820, 0.6991, 9.1366



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.



124.1220, 1.9119, 40.2350



150.6070, 3.1517, 62.6117



125.0390, -12.3442, 39.4308



78.7340, 0.1311, 4.6183



50.9780, 3.9548, 85.0883



6.8920, 0.5462, 11.4957

Inverse Universe

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



124.1220, 1.9119, 40.2350



150.6070, 3.1517, 62.6117



144.9610, 12.3442, -39.4308



78.7340, 0.1311, 4.6183



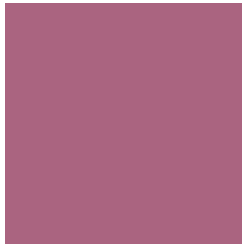
50.9780, 3.9548, 85.0883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 124.1220, 1.9119, 40.2350 looks on a white background.

Color Contrast Check

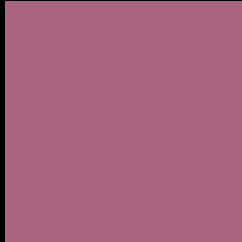
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 124.1220, 1.9119, 40.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

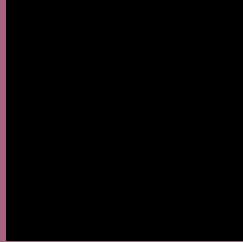
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.1220, 1.9119, 40.2350

Background



This preview shows how black text looks on a background with the YUV color 124.1220, 1.9119, 40.2350.



This preview shows how white text looks on a background with the YUV color 124.1220, 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

124.1220, 1.9119, 40.2350

Protanopia

122.3830, 9.1782, -3.8439

Deuteranopia

122.9840, 0.9939, 7.9070



Tritanopia

123.3470, -6.0871, 39.1607

Trichromacy



Original Color

124.1220, 1.9119, 40.2350

Protanomaly

122.7980, 6.5086, 12.4552

Deuteranomaly

123.1750, 1.3927, 20.0175

Tritanomaly

123.7430, -3.3243, 39.6904

Monochromacy



Original Color

124.1220, 1.9119, 40.2350

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9140, 0.5354, 14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.1220, 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(170, 100, 128)` looks like.

```
.text, #text, p{  
    color:rgb(170, 100, 128)  
}
```

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(170, 100, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 100, 128) }
```

Border

The CSS property to change the border of an element to YUV 124.1220, 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(170, 100, 128) }
```


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

```
.border{ border-color:rgb(170, 100, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 100, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 100, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 100, 128);  
box-shadow:4px 4px 4px 4px rgb(170, 100,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 124.1220, 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(170, 100, 128) }
```

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

```
.background{ background-color: rgb(170,  
100, 128) }
```

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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