

Converting Colors

YUV(122.1620, 48.2341,
22.6599)

Have a look what the booklet for
YUV(122.1620, 48.2341, 22.6599)
contains.

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Color

**YUV(122.1620, 48.2341,
22.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	945ADC
RGB	148, 90, 220
RGB Percent	58%, 35%, 86%
CMY	0.4196, 0.6471, 0.1373
CMYK	0.33, 0.59, 0.00, 0.14
HSL	267°, 65%, 61%
HSV	267°, 59%, 86%
XYZ	28.7872, 18.7755, 69.8169
YIQ	122.1620, -7.1620, 52.7260

Conversions

Conversions Part 2

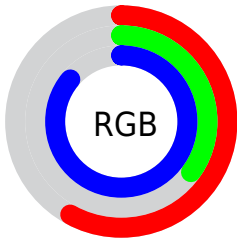
Format	Color
R_{YB}	148, 90, 220
Decimal	9722588
CIE _{Lab}	50.42, 49.47, -57.94
CIE _{LCh}	50, 76.188, 310.493
Yxy	18.7755, 0.2452, 0.1600
Android (android.graphics.Color)	4287912668 (0xFF945ADC)
YUV	122.1620, 48.2341, 22.6599
Hunter-Lab	43.3307, 42.7593, -65.1999

Details

The YUV color $122.1620, 48.2341, 22.6599$ is a light color, and the websafe version is hex $9966FF$. The color can be described as light muted purple. A complement of this color would be $187.8380, -48.2341, -22.6599$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.0180, 39.9241, 28.0482$, and $69.0970, 46.7872, 20.0859$ is the 20% darker color. If you saturate the color by 10%, you get $105.6600, 56.3696, 26.6082$, and if you desaturate by 10%, it is $138.6640, 40.0986, 18.7117$.

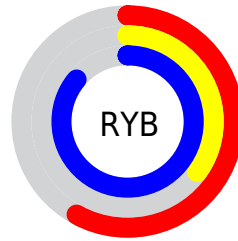
Distribution



Red (58%)

Green (35%)

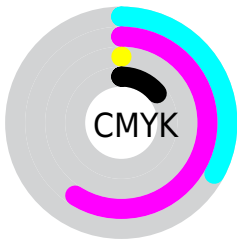
Blue (86%)



Red (58%)

Yellow (35%)

Blue (86%)

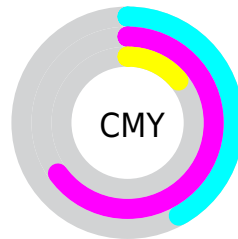


Cyan (33%)

Magenta (59%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (65%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1620, 48.2341, 22.6599 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 122.1620, 48.2341, 22.6599 by changing the saturation by 10% instead.

122.1620, 48.2341,
22.6599

122.1620, 48.2341,
22.6599

255.0000, 0.0000,
0.0000

95.9230, 47.3660,
21.1155

174.0180, 39.9241,
28.0482

69.0970, 46.7872,
20.0859

199.1250, 27.5464,
31.4624

40.3250, 47.6608,
19.8860

220.9540, 16.7847,
29.8583

21.9230, 43.9150,
7.9605

237.9770, 8.3923,
14.9292

9.8040, 37.5646,
-8.5981

6.9540, 26.6447,
-6.0987

6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 122.1620, 48.2341,
22.6599

■ 122.1620, 48.2341,
22.6599

■ 105.6600, 56.3696,
26.6082

■ 138.6640, 40.0986,
18.7117

■ 89.1580, 64.5051,
30.5564

■ 155.1660, 31.9632,
14.7634

■ 72.3570, 72.7880,
33.8899

■ 171.9670, 23.6803,
11.4299

■ 55.8550, 80.9235,
37.8382

■ 188.4690, 15.5448,
7.4817

■ 54.3820, 81.6497,
38.2530

■ 204.9710, 7.4093,
3.5334

■ 221.4730, -0.7262,
-0.4148

■ 237.9750, -8.8617,
-4.3631

■ 248.0200,
-13.8139, -2.6485

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



99.4130, 73.7464, -87.1852



122.1620, 48.2341, 22.6599



110.3740, 26.9306, 89.1260

Triad

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



122.1620, 48.2341, 22.6599



112.8080, -55.6143, 58.0504



103.0640, 19.1954, -90.3871

Complementary

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



122.1620, 48.2341, 22.6599



187.8380, -48.2341, -22.6599

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.



93.5510, -9.6386, -82.0442



122.1620, 48.2341, 22.6599



110.7500, -54.5998, 12.4972

Square

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



122.1620, 48.2341, 22.6599



107.5550, -34.7836, 96.8603



94.4610, -46.5693, -43.3773



108.9580, 46.8557, -95.5562

Rectangle

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



122.1620, 48.2341, 22.6599



97.0540, 12.2984, 115.7166



94.4610, -46.5693, -43.3773



99.8550, 9.4385, -87.5728

Sweetspot

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



122.1620, 48.2341, 22.6599



220.5230, 16.9972, 8.3113



148.2580, 35.3688, -51.0923



106.1930, 10.7509, 5.0927



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



122.1620, 48.2341, 22.6599



118.8530, 67.1205, 31.7009



140.9990, 38.9475, 61.3909



101.7490, 4.0677, 1.9741



42.7450, 64.2157, 30.0416



11.2240, 17.1446, 7.6966

Inverse Universe

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



137.0780, 12.2865, 72.7226



139.5190, 16.9991, 101.2768



169.0010, -38.9475, -61.3909



102.9730, 0.9993, 6.1627



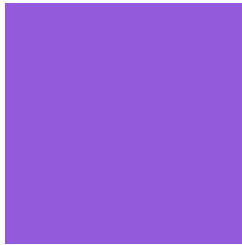
62.6710, 16.4312, 96.7585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 122.1620, 48.2341, 22.6599 looks on a white background.

Color Contrast Check

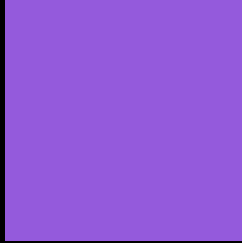
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.1620, 48.2341, 22.6599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

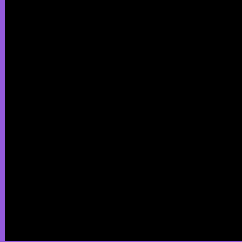
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.1620, 48.2341, 22.6599

Background



This preview shows how black text looks on a background with the YUV color 122.1620, 48.2341, 22.6599.



This preview shows how white text looks on a background with the YUV color 122.1620, 48.2341, 22.6599.

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

122.1620, 48.2341, 22.6599

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

106.0620, 52.7204, -63.1984



Tritanopia

120.9130, 2.0149, 7.0923

Trichromacy



Original Color

122.1620, 48.2341, 22.6599



Protanomaly

105.9730, 64.5963, -45.5803



Deuteranomaly

111.6190, 51.4598, -32.1149



Tritanomaly

121.7130, 18.8755, 12.5297

Monochromacy



Original Color

122.1620, 48.2341, 22.6599



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.7510, 17.8708, 8.1114

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1620, 48.2341, 22.6599 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(148, 90, 220)` looks like.

```
.text, #text, p{  
    color:rgb(148, 90, 220)  
}
```

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(148, 90, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 90, 220) }
```

Border

The CSS property to change the border of an element to YUV 122.1620, 48.2341, 22.6599 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(148, 90, 220) }
```


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

```
.border{ border-color:rgb(148, 90, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 90, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 90, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 90, 220);  
box-shadow:4px 4px 4px 4px rgb(148, 90,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 122.1620, 48.2341, 22.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 90, 220) }
```

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

```
.background{ background-color: rgb(148, 90,  
220) }
```

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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