

Converting Colors

YUV(120.2920, 30.9150,
24.2999)

Have a look what the booklet for
YUV(120.2920, 30.9150, 24.2999)
contains.

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Color

**YUV(120.2920, 30.9150,
24.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	945EB7
RGB	148, 94, 183
RGB Percent	58%, 37%, 72%
CMY	0.4196, 0.6314, 0.2824
CMYK	0.19, 0.49, 0.00, 0.28
HSL	276°, 38%, 54%
HSV	276°, 49%, 72%
XYZ	24.7627, 17.7202, 46.9150
YIQ	120.2920, 3.6150, 39.1270

Conversions

Conversions Part 2

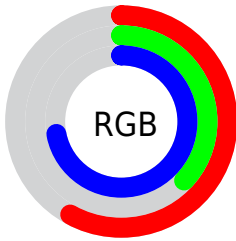
Format	Color
R_{YB}	148, 94, 183
Decimal	9723575
CIE _{Lab}	49.15, 38.50, -38.72
CIE _{LCh}	49, 54.606, 314.836
Yxy	17.7202, 0.2770, 0.1982
Android (android.graphics.Color)	4287913655 (0xFF945EB7)
YUV	120.2920, 30.9150, 24.2999
Hunter-Lab	42.0954, 31.3361, -36.6115

Details

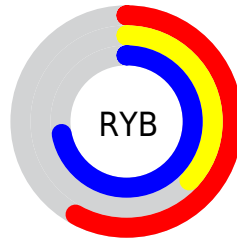
The YUV color **120.2920, 30.9150, 24.2999** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **156.7080, -30.9150, -24.2999**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9440, 32.0726, 26.3591**, and **69.5260, 29.3207, 22.3407** is the 20% darker color. If you saturate the color by 10%, you get **107.6330, 37.1559, 29.2629**, and if you desaturate by 10%, it is **132.9510, 24.6742, 19.3370**.

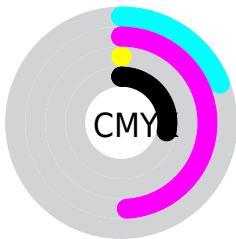
Distribution



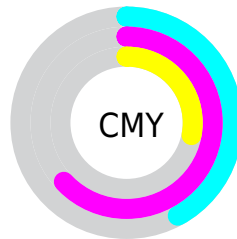
- Red (58%)
- Green (37%)
- Blue (72%)



- Red (58%)
- Yellow (37%)
- Blue (72%)



- Cyan (19%)
- Magenta (49%)
- Yellow (0%)
- Black (28%)



- Cyan (42%)
- Magenta (63%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2920, 30.9150, 24.2999 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 120.2920, 30.9150, 24.2999 by changing the saturation by 10% instead.

120.2920, 30.9150,
24.2999

120.2920, 30.9150,
24.2999

255.0000, 0.0000,
0.0000

94.4660, 30.3363,
23.2703

173.9440, 32.0726,
26.3591

69.5260, 29.3207,
22.3407

200.2880, 26.9730,
28.6884

44.2270, 29.4681,
21.7259

223.3020, 15.6271,
27.7991

22.1620, 28.0211,
19.1519

239.7380, 7.5242,
13.3848

13.5600, 20.9229,
9.1559

4.9360, 13.8356,
-4.3289

0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 120.2920, 30.9150,
24.2999

■ 120.2920, 30.9150,
24.2999

■ 107.6330, 37.1559,
29.2629

■ 132.9510, 24.6742,
19.3370

■ 94.3870, 43.6862,
34.7406

■ 146.1970, 18.1439,
13.8592

■ 81.4290, 50.0745,
39.0888

■ 159.1550, 11.7556,
9.5111

■ 68.7700, 56.3154,
44.0517

■ 171.8140, 5.5147,
4.5481

■ 55.5240, 62.8457,
49.5295

■ 185.0600, -1.0156,
-0.9296

■ 54.0510, 63.5719,
49.9443

■ 197.7190, -7.2565,
-5.8926

■ 210.3780,
-13.4974, -10.8555

■ 223.3360,
-19.8856, -15.2037

■ 234.2340,
-25.2584, -18.6222

Harmonies

Analogous

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



109.9510, 47.8452, -39.4220



120.2920, 30.9150, 24.2999



116.4250, 12.6085, 62.7713

Triad

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



120.2920, 30.9150, 24.2999



111.5870, -47.1244, 41.5812



97.4390, 20.4896, -85.4540

Complementary

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



120.2920, 30.9150, 24.2999



156.7080, -30.9150, -24.2999

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.



90.7930, 0.1021, -79.6255



120.2920, 30.9150, 24.2999



107.8080, -49.2053, 8.9384

Square

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



120.2920, 30.9150, 24.2999



113.3230, -29.7392, 65.4917



101.8640, -27.5410, -33.2067



100.4660, 39.7033, -88.1087

Rectangle

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



120.2920, 30.9150, 24.2999



113.2450, -1.1068, 75.2071



101.8640, -27.5410, -33.2067



95.0280, 13.7902, -83.3396

Sweetspot

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



120.2920, 30.9150, 24.2999



212.2690, 12.1924, 9.4111



125.2780, 28.4569, -27.4308



104.3950, 7.6933, 5.7926



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



120.2920, 30.9150, 24.2999



140.4350, 47.6065, 37.3295



129.7310, 21.8246, 46.7169



85.5210, 3.1941, 2.1741



45.8900, 54.2842, 42.1925



8.2750, 9.7244, 7.6518

Inverse Universe

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



124.6010, 2.1687, 51.2159



147.1190, 3.3923, 78.8256



147.2690, -21.8246, -46.7169



86.0330, -0.0163, 5.2331



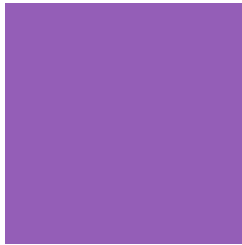
53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 120.2920, 30.9150, 24.2999 looks on a white background.

Color Contrast Check

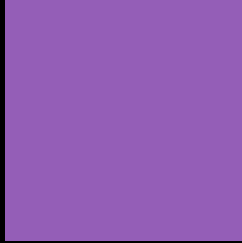
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.2920, 30.9150, 24.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

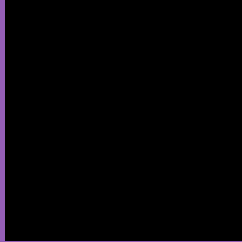
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.2920, 30.9150, 24.2999

Background



This preview shows how black text looks on a background with the YUV color 120.2920, 30.9150, 24.2999.



This preview shows how white text looks on a background with the YUV color 120.2920, 30.9150,

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

120.2920, 30.9150, 24.2999

Protanopia

113.4530, 43.1607, -30.2153

Deuteranopia

115.0980, 31.5037, -24.6419



Tritanopia

118.6970, -0.3436, 16.9287

Trichromacy



Original Color

120.2920, 30.9150, 24.2999

Protanomaly

116.0210, 38.4436, -10.5424

Deuteranomaly

117.0940, 31.0127, -7.0984

Tritanomaly

119.6940, 10.9969, 19.5624

Monochromacy



Original Color

120.2920, 30.9150, 24.2999

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.3290, 11.1768, 8.4815

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2920, 30.9150, 24.2999 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, 94, 183)` looks like.

```
.text, #text, p{  
    color:rgb(148, 94, 183)  
}
```

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, 94, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 94, 183) }
```

Border

The CSS property to change the border of an element to YUV 120.2920, 30.9150, 24.2999 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, 94, 183) }
```


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

```
.border{ border-color:rgb(148, 94, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 94, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 94, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 94, 183);  
box-shadow:4px 4px 4px 4px rgb(148, 94,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 120.2920, 30.9150, 24.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 94, 183) }
```

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

```
.background{ background-color: rgb(148, 94,  
183) }
```

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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