

Converting Colors

YUV(116.3920, 42.6977,
25.0892)

Have a look what the booklet for
YUV(116.3920, 42.6977, 25.0892)
contains.

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Color

**YUV(116.3920, 42.6977,
25.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	9155CB
RGB	145, 85, 203
RGB Percent	57%, 33%, 80%
CMY	0.4314, 0.6667, 0.2039
CMYK	0.29, 0.58, 0.00, 0.20
HSL	271°, 53%, 56%
HSV	271°, 58%, 80%
XYZ	25.7050, 16.8285, 58.3933
YIQ	116.3920, -2.1180, 49.4180

Conversions

Conversions Part 2

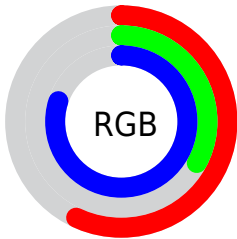
Format	Color
R_{YB}	145, 85, 203
Decimal	9524683
CIE _{Lab}	48.04, 47.29, -52.07
CIE _{LCh}	48, 70.344, 312.247
Yxy	16.8285, 0.2547, 0.1667
Android (android.graphics.Color)	4287714763 (0xFF9155CB)
YUV	116.3920, 42.6977, 25.0892
Hunter-Lab	41.0226, 40.0598, -55.6801

Details

The YUV color **116.3920, 42.6977, 25.0892** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **171.6080, -42.6977, -25.0892**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8870, 41.9607, 28.1631**, and **63.7400, 41.5402, 23.0300** is the 20% darker color. If you saturate the color by 10%, you get **101.6620, 49.9596, 29.2374**, and if you desaturate by 10%, it is **131.1220, 35.4359, 20.9410**.

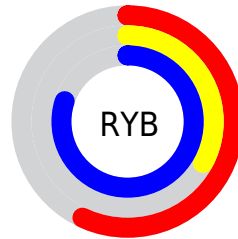
Distribution



Red (57%)

Green (33%)

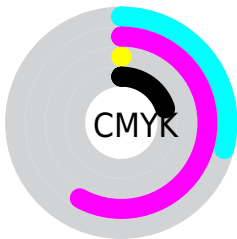
Blue (80%)



Red (57%)

Yellow (33%)

Blue (80%)

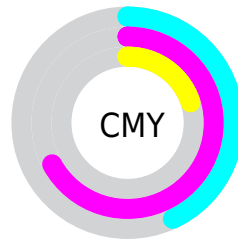


Cyan (29%)

Magenta (58%)

Yellow (0%)

Black (20%)



Cyan (43%)

Magenta (67%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3920, 42.6977, 25.0892 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 116.3920, 42.6977, 25.0892 by changing the saturation by 10% instead.

■ 116.3920, 42.6977,
25.0892

■ 116.3920, 42.6977,
25.0892

■ 255.0000, 0.0000,
0.0000

■ 90.1530, 41.8296,
23.5448

■ 169.8870, 41.9607,
28.1631

■ 63.7400, 41.5402,
23.0300

■ 194.4070, 29.8723,
32.0921

■ 34.7940, 42.9926,
23.8597

■ 218.0190, 18.2316,
32.4323

■ 20.8110, 37.0682,
10.6898

■ 234.4550, 10.1287,
18.0180

■ 9.1050, 31.0072,
-5.3541

■ 251.4780, 1.7363,
3.0888

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 116.3920, 42.6977,
25.0892

■ 116.3920, 42.6977,
25.0892

■ 101.6620, 49.9596,
29.2374

■ 131.1220, 35.4359,
20.9410

■ 86.3450, 57.5109,
33.9004

■ 146.4390, 27.8846,
16.2780

■ 71.6150, 64.7728,
38.0486

■ 161.1690, 20.6227,
12.1298

■ 56.8850, 72.0347,
42.1969

■ 175.8990, 13.3608,
7.9816

■ 53.9390, 73.4871,
43.0265

■ 191.2160, 5.8095,
3.3186

■ 205.9460, -1.4524,
-0.8296

■ 220.6760, -8.7143,
-4.9779

■ 235.4060,
-15.9762, -9.1261

■ 243.0920,
-19.7654, -7.0967

Harmonies

Analogous

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



92.7790, 68.6360, -81.3672



116.3920, 42.6977, 25.0892



105.8910, 22.7317, 82.5336

Triad

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



116.3920, 42.6977, 25.0892



107.4590, -52.9773, 52.2175



97.9120, 19.7634, -85.8688

Complementary

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



116.3920, 42.6977, 25.0892



171.6080, -42.6977, -25.0892

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.



89.5560, -7.1761, -78.5406



116.3920, 42.6977, 25.0892



104.5370, -51.5367, 10.0531

Square

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



116.3920, 42.6977, 25.0892



104.0160, -34.0249, 86.8090



89.4550, -44.1013, -41.6180



103.0080, 44.3661, -90.3380

Rectangle

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



116.3920, 42.6977, 25.0892



97.5980, 7.1002, 102.9616



89.4550, -44.1013, -41.6180



94.9310, 10.8800, -83.2545

Sweetspot

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



116.3920, 42.6977, 25.0892



223.4800, 15.5394, 9.2260



133.0850, 34.4681, -42.1705



108.8510, 9.4405, 5.3927



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.



116.3920, 42.6977, 25.0892



124.2020, 64.4834, 37.5338



133.7340, 34.1481, 60.7463



94.6350, 3.6309, 2.0741



44.0400, 60.1263, 35.0449



10.0130, 13.7976, 7.8816

Inverse Universe

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



126.8940, 7.9403, 66.7450



140.1400, 11.7630, 100.7322



154.2660, -34.1481, -60.7463



95.5600, 0.7099, 5.6479



58.8680, 10.9111, 93.9548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 116.3920, 42.6977, 25.0892 looks on a white background.

Color Contrast Check

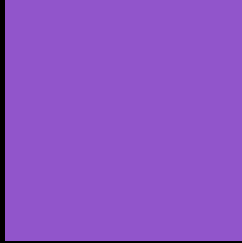
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3920, 42.6977, 25.0892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

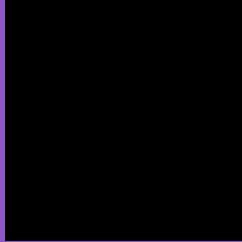
Any Text WCAG AA × Fail

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 116.3920, 42.6977, 25.0892 Background



This preview shows how black text looks on a background with the YUV color 116.3920, 42.6977, 25.0892.



This preview shows how white text looks on a background with the YUV color 116.3920, 42.6977,

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

116.3920, 42.6977, 25.0892

Protanopia

100.2440, 63.4767, -59.8500

Deuteranopia

105.2120, 45.2515, -47.5439



Tritanopia

115.3050, 0.8356, 12.0105

Trichromacy



Original Color

116.3920, 42.6977, 25.0892



Protanomaly

106.1940, 56.1064, -29.1111



Deuteranomaly

109.1490, 44.2965, -21.1787



Tritanomaly

115.9370, 15.8071, 16.7183

Monochromacy



Original Color

116.3920, 42.6977, 25.0892



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.4800, 15.5394, 9.2260

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3920, 42.6977, 25.0892 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(145, 85, 203)` looks like.

```
.text, #text, p{  
    color:rgb(145, 85, 203)  
}
```

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(145, 85, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 85, 203) }
```

Border

The CSS property to change the border of an element to YUV 116.3920, 42.6977, 25.0892 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(145, 85, 203) }
```


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

```
.border{ border-color:rgb(145, 85, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 85, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 85, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 85, 203);  
box-shadow:4px 4px 4px 4px rgb(145, 85,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 116.3920, 42.6977, 25.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 85, 203) }
```

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

```
.background{ background-color: rgb(145, 85,  
203) }
```

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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