

Converting Colors

YUV(121.4560, 45.6242,
19.7711)

Have a look what the booklet for
YUV(121.4560, 45.6242, 19.7711)
contains.

YUV(121.4560, 45.6242, 19.7711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.4560, 45.6242,
19.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	905CD6
RGB	144, 92, 214
RGB Percent	56%, 36%, 84%
CMY	0.4353, 0.6392, 0.1608
CMYK	0.33, 0.57, 0.00, 0.16
HSL	266°, 60%, 60%
HSV	266°, 57%, 84%
XYZ	27.4663, 18.4386, 65.7297
YIQ	121.4560, -8.1700, 48.9660

Conversions

Conversions Part 2

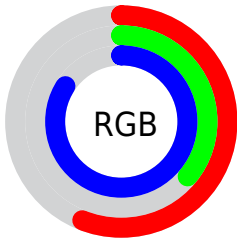
Format	Color
RYB	144, 92, 214
Decimal	9460950
CIELab	50.02, 45.98, -55.20
CIELCh	50, 71.838, 309.795
Yxy	18.4386, 0.2460, 0.1652
Android (android.graphics.Color)	4287651030 (0xFF905CD6)
YUV	121.4560, 45.6242, 19.7711
Hunter-Lab	42.9402, 39.0306, -60.6986

Details

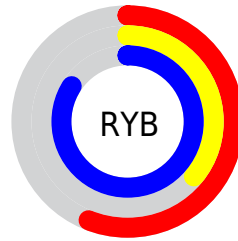
The YUV color **121.4560, 45.6242, 19.7711** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **184.5440, -45.6242, -19.7711**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6970, 40.0824, 23.9447**, and **68.9780, 43.8878, 16.6823** is the 20% darker color. If you saturate the color by 10%, you get **105.5410, 53.4703, 23.2045**, and if you desaturate by 10%, it is **137.3710, 37.7781, 16.3376**.

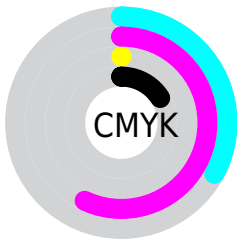
Distribution



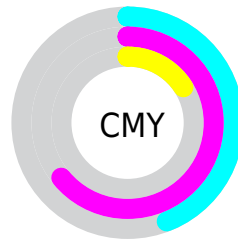
- Red (56%)
- Green (36%)
- Blue (84%)



- Red (56%)
- Yellow (36%)
- Blue (84%)



- Cyan (33%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4560, 45.6242, 19.7711 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 121.4560, 45.6242, 19.7711 by changing the saturation by 10% instead.

■ 121.4560, 45.6242,
19.7711

■ 121.4560, 45.6242,
19.7711

255.0000, 0.0000,
0.0000

■ 95.2170, 44.7560,
18.2267

■ 173.6970, 40.0824,
23.9447

■ 68.9780, 43.8878,
16.6823

■ 198.2170, 27.9940,
27.8737

■ 42.3800, 44.1827,
15.4527

■ 222.1280, 16.2059,
28.8287

■ 20.7550, 42.0258,
7.2309

■ 238.5640, 8.1029,
14.4144

■ 9.2340, 35.3806,
-8.0982

■ 8.2590, 24.0293,
-7.2431

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 121.4560, 45.6242,
19.7711

■ 121.4560, 45.6242,
19.7711

■ 105.5410, 53.4703,
23.2045

■ 137.3710, 37.7781,
16.3376

■ 88.7400, 61.7532,
26.5380

■ 154.1720, 29.4952,
13.0042

■ 72.8250, 69.5993,
29.9715

■ 170.0870, 21.6491,
9.5707

■ 56.3230, 77.7348,
33.9197

■ 186.5890, 13.5136,
5.6224

■ 51.6050, 80.0607,
34.5494

■ 202.5040, 5.6675,
2.1890

■ 218.7180, -2.3260,
-0.6297

■ 235.2200,
-10.4615, -4.5779

■ 246.4390,
-15.9924, -3.8930

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



97.9140, 70.5414, -85.8706



121.4560, 45.6242, 19.7711



112.7490, 24.7737, 80.9041

Triad

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



121.4560, 45.6242, 19.7711



111.6230, -55.0301, 57.3356



100.8470, 18.3164, -88.4428

Complementary

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



121.4560, 45.6242, 19.7711



184.5440, -45.6242, -19.7711

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.



92.3770, -9.0599, -81.0146



121.4560, 45.6242, 19.7711



109.8750, -54.1684, 14.1416

Square

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



121.4560, 45.6242, 19.7711



108.5050, -32.2940, 91.6421



96.2770, -47.4646, -36.1999



106.8720, 43.9401, -93.7267

Rectangle

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



121.4560, 45.6242, 19.7711



103.1790, 9.2788, 104.2060



96.2770, -47.4646, -36.1999



98.4530, 9.1437, -86.3433

Sweetspot

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



121.4560, 45.6242, 19.7711



222.2840, 16.1290, 6.7669



147.5850, 32.7426, -48.7480



108.2530, 9.7353, 4.1631



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.



121.4560, 45.6242, 19.7711



123.8480, 64.6579, 28.1973



139.3960, 36.7798, 56.6577



98.7490, 4.0677, 1.9741



41.3210, 63.9317, 27.7825



10.2840, 16.1290, 6.7669

Inverse Universe

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



136.4580, 12.5922, 68.0043



145.0130, 17.7416, 96.4586



166.6040, -36.7798, -56.6577



100.0870, 1.4361, 6.0627



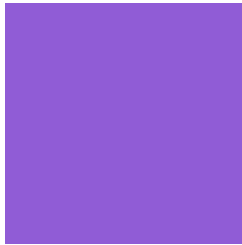
62.3010, 17.5996, 95.3290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 121.4560, 45.6242, 19.7711 looks on a white background.

Color Contrast Check

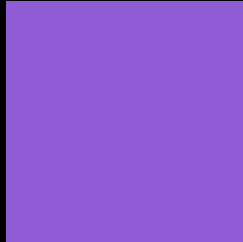
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.4560, 45.6242, 19.7711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

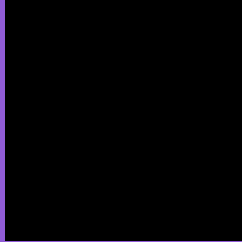
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.4560, 45.6242, 19.7711

Background



This preview shows how black text looks on a background with the YUV color 121.4560, 45.6242, 19.7711.



This preview shows how white text looks on a background with the YUV color 121.4560, 45.6242,

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

121.4560, 45.6242, 19.7711

Protanopia

105.4010, 65.3713, -60.8647

Deuteranopia

108.1940, 49.2044, -55.4211



Tritanopia

120.0160, 2.4571, 5.2480

Trichromacy



Original Color

121.4560, 45.6242, 19.7711

Protanomaly

111.3400, 58.0064, -31.8702

Deuteranomaly

112.7290, 47.9546, -27.8263

Tritanomaly

120.4740, 18.0073, 10.9853

Monochromacy



Original Color

121.4560, 45.6242, 19.7711

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8110, 16.8552, 7.1818

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4560, 45.6242, 19.7711 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(144, 92, 214)` looks like.

```
.text, #text, p{  
    color:rgb(144, 92, 214)  
}
```

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(144, 92, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 92, 214) }
```

Border

The CSS property to change the border of an element to YUV 121.4560, 45.6242, 19.7711 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(144, 92, 214) }
```


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

```
.border{ border-color:rgb(144, 92, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 92, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 92, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 92, 214);  
box-shadow:4px 4px 4px 4px rgb(144, 92,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 121.4560, 45.6242, 19.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 92, 214) }
```

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

```
.background{ background-color: rgb(144, 92,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor