

Converting Colors

YUV(123.4150, 44.6584,
49.6250)

Have a look what the booklet for
YUV(123.4150, 44.6584, 49.6250)
contains.

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Color

**YUV(123.4150, 44.6584,
49.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	B44DD6
RGB	180, 77, 214
RGB Percent	71%, 30%, 84%
CMY	0.2941, 0.6980, 0.1608
CMYK	0.16, 0.64, 0.00, 0.16
HSL	285°, 63%, 57%
HSV	285°, 64%, 84%
XYZ	33.6139, 19.8661, 65.6812
YIQ	123.4150, 17.4110, 64.4430

Conversions

Conversions Part 2

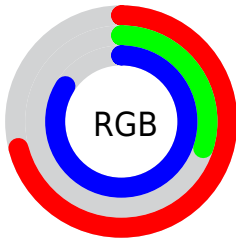
Format	Color
R _Y B	180, 77, 214
Decimal	11816406
CIE Lab	51.69, 61.84, -52.29
CIE LCh	52, 80.983, 319.783
Yxy	19.8661, 0.2821, 0.1667
Android (android.graphics.Color)	4290006486 (0xFFB44DD6)
YUV	123.4150, 44.6584, 49.6250
Hunter-Lab	44.5714, 56.6172, -56.1709

Details

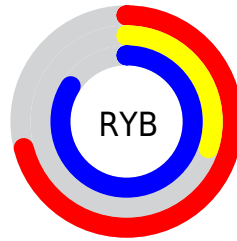
The YUV color $123.4150, 44.6584, 49.6250$ is a light color, and the websafe version is hex $9933CC$. The color can be described as light muted purple. A complement of this color would be $167.5850, -44.6584, -49.6250$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.0150, 37.9536, 53.4838$, and $61.2460, 47.6997, 54.1583$ is the 20% darker color. If you saturate the color by 10%, you get $109.5930, 51.4727, 57.3619$, and if you desaturate by 10%, it is $137.2370, 37.8442, 41.8882$.

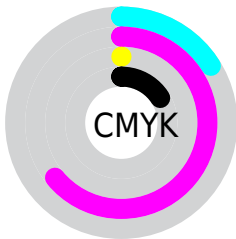
Distribution



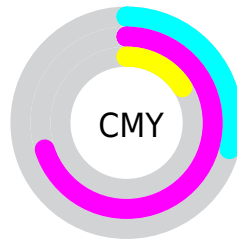
- Red (71%)
- Green (30%)
- Blue (84%)



- Red (71%)
- Yellow (30%)
- Blue (84%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (70%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4150, 44.6584, 49.6250 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 123.4150, 44.6584, 49.6250 by changing the saturation by 10% instead.

123.4150, 44.6584,
49.6250

123.4150, 44.6584,
49.6250

255.0000, 0.0000,
0.0000

94.5290, 45.0952,
49.5251

178.0150, 37.9536,
53.4838

61.2460, 47.6997,
54.1583

199.2350, 27.4921,
48.9059

43.7520, 43.5063,
45.8215

215.6710, 19.3892,
34.4915

32.4160, 36.2769,
31.2072

232.6940, 10.9969,
19.5624

21.7920, 29.1895,
17.7224

249.7170, 2.6045,
4.6332

7.9930, 24.1605,
-2.6249

5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 123.4150, 44.6584,
49.6250

■ 123.4150, 44.6584,
49.6250

■ 109.5930, 51.4727,
57.3619

■ 137.2370, 37.8442,
41.8882

■ 94.8850, 58.7237,
64.9989

■ 151.9450, 30.5931,
34.2512

■ 81.0630, 65.5379,
72.7357

■ 165.7670, 23.7789,
26.5143

■ 72.5350, 69.7422,
77.5838

■ 180.1760, 16.6752,
18.2626

■ 194.2970, 9.7136,
11.1405

■ 208.1190, 2.8993,
3.4036

■ 222.5280, -4.2043,
-4.8481

■ 236.3500,
-11.0186, -12.5850

■ 242.2530,
-13.9287, -12.4999

Harmonies

Analogous

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



104.0390, 74.4238, -71.0712



123.4150, 44.6584, 49.6250



99.3820, 24.9547, 116.3060

Triad

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



123.4150, 44.6584, 49.6250



116.2750, -57.3236, 46.2398



108.4900, 29.8314, -95.1457

Complementary

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



123.4150, 44.6584, 49.6250



167.5850, -44.6584, -49.6250

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.



99.5810, -1.7654, -87.3325



123.4150, 44.6584, 49.6250



110.3520, -54.4035, -3.8167

Square

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



123.4150, 44.6584, 49.6250



110.0110, -53.2494, 92.9524



86.2550, -37.5937, -75.6456



114.1560, 56.6181, -100.1148

Rectangle

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



123.4150, 44.6584, 49.6250



85.9750, 8.8863, 136.8339



86.2550, -37.5937, -75.6456



105.7540, 19.3483, -92.7463

Sweetspot

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



123.4150, 44.6584, 49.6250



223.2360, 15.6597, 17.3330



112.5760, 50.0020, -31.2002



107.9980, 9.8610, 10.5258



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.



123.4150, 44.6584, 49.6250



125.2970, 63.9436, 70.7765



129.7050, 24.7954, 73.9267



99.6460, 3.6255, 3.8185



57.7660, 55.8244, 61.5952



14.7690, 13.9179, 15.9886

Inverse Universe

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



121.8390, -5.3436, 80.8252



123.0760, -7.9255, 115.6973



161.2950, -24.7954, -73.9267



99.6310, -0.3111, 6.4626



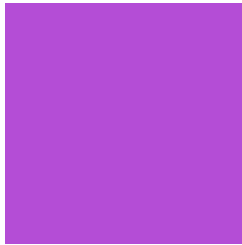
55.9170, -6.8611, 100.9278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 123.4150, 44.6584, 49.6250 looks on a white background.

Color Contrast Check

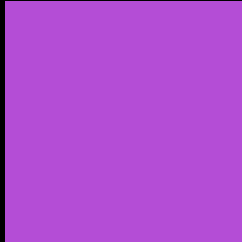
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.4150, 44.6584, 49.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

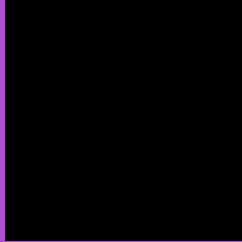
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.4150, 44.6584, 49.6250

Background



This preview shows how black text looks on a background with the YUV color 123.4150, 44.6584, 49.6250.



This preview shows how white text looks on a background with the YUV color 123.4150, 44.6584, 49.6250.

49.6250.

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

123.4150, 44.6584, 49.6250

Deuteranopia

116.7890, 43.4880, -41.9110

Tritanopia

125.5530, -5.2026, 35.4720

Trichromacy



Original Color

123.4150, 44.6584, 49.6250

Deuteranomaly

119.1120, 43.8218, -8.8682

Tritanomaly

124.6950, 12.9684, 40.6095

Monochromacy



Original Color

123.4150, 44.6584, 49.6250

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0620, 16.2384, 18.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4150, 44.6584, 49.6250 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(180, 77, 214)` looks like.

```
.text, #text, p{  
    color:rgb(180, 77, 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(180, 77, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 77, 214) }
```

Border

The CSS property to change the border of an element to YUV 123.4150, 44.6584, 49.6250 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(180, 77, 214) }
```

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

```
.border{ border-color:rgb(180, 77, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 77, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 77, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 77, 214);  
box-shadow:4px 4px 4px 4px rgb(180, 77,  
214) }
```


Background

The CSS property to change the background color of an element to YUV 123.4150, 44.6584, 49.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 77, 214) }
```

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

```
.background{ background-color: rgb(180, 77,  
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](#).

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