

Converting Colors

YUV(119.7230, 47.4646,
36.1999)

Have a look what the booklet for
YUV(119.7230, 47.4646, 36.1999)
contains.

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Color

**YUV(119.7230, 47.4646,
36.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	A150D8
RGB	161, 80, 216
RGB Percent	63%, 31%, 85%
CMY	0.3686, 0.6863, 0.1529
CMYK	0.25, 0.63, 0.00, 0.15
HSL	276°, 64%, 58%
HSV	276°, 63%, 85%
XYZ	29.9613, 18.2723, 66.9135
YIQ	119.7230, 4.6200, 59.4680

Conversions

Conversions Part 2

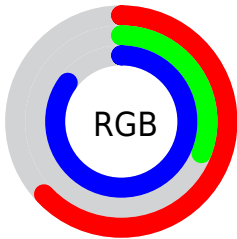
Format	Color
RYB	161, 80, 216
Decimal	10571992
CIELab	49.82, 56.56, -56.55
CIElCh	50, 79.979, 315.006
Yxy	18.2723, 0.2602, 0.1587
Android (android.graphics.Color)	4288762072 (0xFFA150D8)
YUV	119.7230, 47.4646, 36.1999
Hunter-Lab	42.7461, 50.3074, -62.8887

Details

The YUV color **119.7230, 47.4646, 36.1999** 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 **176.2770, -47.4646, -36.1999**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2090, 40.3230, 40.1587**, and **63.7230, 47.4646, 36.1999** is the 20% darker color. If you saturate the color by 10%, you get **104.1180, 55.1578, 41.9925**, and if you desaturate by 10%, it is **135.3280, 39.7713, 30.4073**.

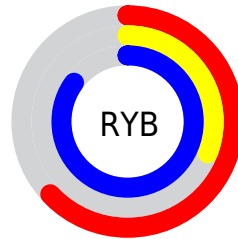
Distribution



Red (63%)

Green (31%)

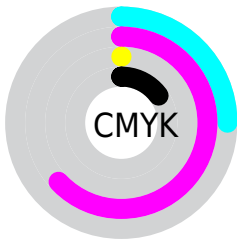
Blue (85%)



Red (63%)

Yellow (31%)

Blue (85%)

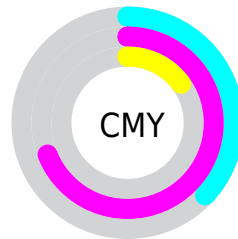


Cyan (25%)

Magenta (63%)

Yellow (0%)

Black (15%)



Cyan (37%)

Magenta (69%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7230, 47.4646, 36.1999 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 119.7230, 47.4646, 36.1999 by changing the saturation by 10% instead.

■ 119.7230, 47.4646,
36.1999

■ 119.7230, 47.4646,
36.1999

■ 255.0000, 0.0000,
0.0000

■ 92.3100, 47.1752,
35.6851

■ 173.2090, 40.3230,
40.1587

■ 63.7230, 47.4646,
36.1999

■ 198.0280, 28.0872,
44.7024

■ 38.1850, 46.7438,
34.0408

■ 216.2580, 19.0998,
33.9767

■ 26.5500, 39.6619,
18.8117

■ 232.6940, 10.9969,
19.5624

■ 16.0400, 33.0113,
5.2269

■ 250.3040, 2.3151,
4.1184

■ 6.6120, 25.3343,
-5.7987

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 119.7230, 47.4646,
36.1999

■ 119.7230, 47.4646,
36.1999

■ 104.1180, 55.1578,
41.9925

■ 135.3280, 39.7713,
30.4073

■ 89.3990, 62.4143,
47.8851

■ 150.0470, 32.5148,
24.5148

■ 73.7940, 70.1076,
53.6777

■ 165.6520, 24.8216,
18.7222

■ 63.1950, 75.3329,
57.7110

■ 180.6700, 17.4177,
13.4444

■ 196.2750, 9.7244,
7.6518

■ 211.5810, 2.1786,
1.2445

■ 226.5990, -5.2253,
-4.0333

■ 242.2040,
-12.9186, -9.8259

■ 246.0690,
-14.8240, -5.3225

Harmonies

Analogous

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



96.8200, 76.5037, -84.9111



119.7230, 47.4646, 36.1999



98.2390, 28.4762, 106.7844

Triad

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



119.7230, 47.4646, 36.1999



111.8890, -55.1613, 52.7173



103.6170, 23.8528, -90.8721

Complementary

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



119.7230, 47.4646, 36.1999



176.2770, -47.4646, -36.1999

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.



94.3490, -6.5811, -82.7441



119.7230, 47.4646, 36.1999



107.7490, -53.1203, 4.6051

Square

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



119.7230, 47.4646, 36.1999



104.4920, -42.6406, 96.9155



81.5930, -40.2253, -71.5571



109.5110, 51.5131, -96.0411

Rectangle

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



119.7230, 47.4646, 36.1999



82.5060, 13.5545, 132.8602



81.5930, -40.2253, -71.5571



100.9950, 13.8065, -88.5726

Sweetspot

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



119.7230, 47.4646, 36.1999



220.8440, 16.8389, 12.4148



128.9630, 42.9092, -42.9406



106.8020, 10.4506, 8.0666



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.



119.7230, 47.4646, 36.1999



117.8000, 67.6396, 51.9184



134.9140, 34.5524, 71.1124



99.3470, 3.7729, 3.2037



49.9920, 59.6569, 45.6110



12.6760, 14.9497, 11.6851

Inverse Universe

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



126.9340, 3.9765, 78.1109



128.0120, 5.9101, 111.3685



161.0860, -34.5524, -71.1124



99.8590, 0.5625, 6.2627



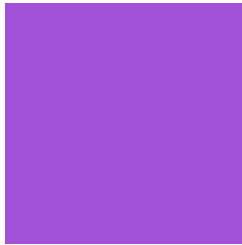
58.9950, 4.9325, 98.2284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 119.7230, 47.4646, 36.1999 looks on a white background.

Color Contrast Check

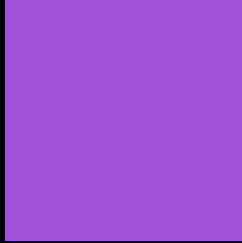
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.7230, 47.4646, 36.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

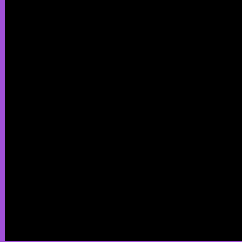
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.7230, 47.4646, 36.1999

Background



This preview shows how black text looks on a background with the YUV color 119.7230, 47.4646, 36.1999.



This preview shows how white text looks on a background with the YUV color 119.7230, 47.4646,

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

119.7230, 47.4646, 36.1999

Protanopia

94.6200, 73.1513, -82.9817

Deuteranopia

107.0090, 49.7886, -56.1359



Tritanopia

120.3770, -1.6649, 20.7174

Trichromacy



Original Color

119.7230, 47.4646, 36.1999



Protanomaly

104.0770, 63.5590, -39.5325



Deuteranomaly

111.4030, 49.1013, -22.2784



Tritanomaly

119.8180, 16.3587, 26.4696

Monochromacy



Original Color

119.7230, 47.4646, 36.1999



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.6700, 17.4177, 13.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7230, 47.4646, 36.1999 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(161, 80, 216)` looks like.

```
.text, #text, p{  
    color:rgb(161, 80, 216)  
}
```

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(161, 80, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 80, 216) }
```

Border

The CSS property to change the border of an element to YUV 119.7230, 47.4646, 36.1999 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(161, 80, 216) }
```


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

```
.border{ border-color:rgb(161, 80, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 80, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 80, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 80, 216);  
box-shadow:4px 4px 4px 4px rgb(161, 80,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 119.7230, 47.4646, 36.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 80, 216) }
```

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

```
.background{ background-color: rgb(161, 80,  
216) }
```

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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