

Converting Colors

YUV(111.6090, 47.0278,
36.2999)

Have a look what the booklet for
YUV(111.6090, 47.0278, 36.2999)
contains.

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Color

**YUV(111.6090, 47.0278,
36.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	9948CF
RGB	153, 72, 207
RGB Percent	60%, 28%, 81%
CMY	0.4000, 0.7176, 0.1882
CMYK	0.26, 0.65, 0.00, 0.19
HSL	276°, 58%, 55%
HSV	276°, 65%, 81%
XYZ	26.7167, 15.9120, 60.6947
YIQ	111.6090, 4.9410, 59.1570

Conversions

Conversions Part 2

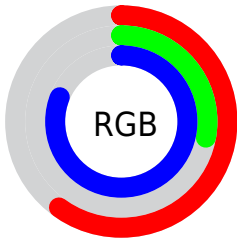
Format	Color
R_{YB}	153, 72, 207
Decimal	10045647
CIE _{Lab}	46.86, 56.59, -56.22
CIE _{LCh}	47, 79.768, 315.186
Yxy	15.9120, 0.2586, 0.1540
Android (android.graphics.Color)	4288235727 (0xFF9948CF)
YUV	111.6090, 47.0278, 36.2999
Hunter-Lab	39.8899, 49.7452, -62.2901

Details

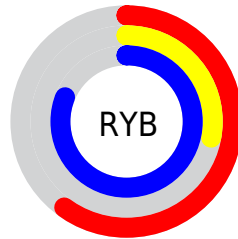
The YUV color **111.6090, 47.0278, 36.2999** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **167.3910, -47.0278, -36.2999**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5340, 44.1067, 39.8737**, and **53.3750, 48.6221, 38.2591** is the 20% darker color. If you saturate the color by 10%, you get **96.8900, 54.2842, 42.1925**, and if you desaturate by 10%, it is **126.3280, 39.7713, 30.4073**.

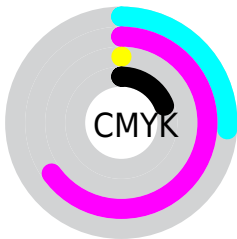
Distribution



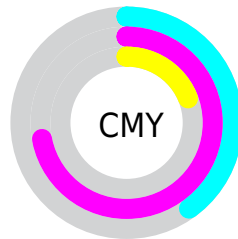
- Red (60%)
- Green (28%)
- Blue (81%)



- Red (60%)
- Yellow (28%)
- Blue (81%)



- Cyan (26%)
- Magenta (65%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (72%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6090, 47.0278, 36.2999 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 111.6090, 47.0278, 36.2999 by changing the saturation by 10% instead.

■ 111.6090, 47.0278,
36.2999

■ 111.6090, 47.0278,
36.2999

255.0000, 0.0000,
0.0000

■ 84.1960, 46.7384,
35.7851

■ 165.5340, 44.1067,
39.8737

■ 53.3750, 48.6221,
38.2591

■ 190.6410, 31.7290,
43.2878

■ 34.8810, 44.4287,
29.9224

■ 210.9750, 21.7043,
38.6099

■ 23.2460, 37.3467,
14.6933

■ 227.9980, 13.3120,
23.6808

■ 10.3440, 31.8754,
-3.8097

■ 245.0210, 4.9196,
8.7516

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 111.6090, 47.0278,
36.2999

■ 111.6090, 47.0278,
36.2999

■ 96.8900, 54.2842,
42.1925

■ 126.3280, 39.7713,
30.4073

■ 82.4590, 61.3987,
46.9555

■ 140.7590, 32.6568,
25.6444

■ 67.7400, 68.6552,
52.8480

■ 155.4780, 25.4003,
19.7518

■ 60.6740, 72.1387,
55.5369

■ 170.1970, 18.1439,
13.8592

■ 184.9160, 10.8874,
7.9667

■ 199.3470, 3.7729,
3.2037

■ 214.0660, -3.4835,
-2.6889

■ 228.7850,
-10.7400, -8.5814

■ 241.4550,
-16.9863, -11.8000

Harmonies

Analogous

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



91.0980, 74.8877, -79.8929



111.6090, 47.0278, 36.2999



79.8470, 33.1064, 115.0212

Triad

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



111.6090, 47.0278, 36.2999



104.7900, -51.6615, 50.1732



98.1230, 23.1104, -86.0539

Complementary

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



111.6090, 47.0278, 36.2999



167.3910, -47.0278, -36.2999

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.



88.8550, -7.3235, -77.9258



111.6090, 47.0278, 36.2999



100.9490, -49.7679, 2.6757

Square

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



111.6090, 47.0278, 36.2999



95.6660, -43.2193, 95.8859



76.8970, -37.9102, -67.4387



103.9030, 50.3338, -91.1229

Rectangle

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



111.6090, 47.0278, 36.2999



78.7180, 11.9710, 127.4123



76.8970, -37.9102, -67.4387



94.8000, 12.9166, -83.1396

Sweetspot

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



111.6090, 47.0278, 36.2999



219.0830, 17.7071, 13.9592



119.0880, 43.3406, -41.2962



105.9160, 10.8874, 7.9667



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.



111.6090, 47.0278, 36.2999



114.2670, 69.3814, 53.2628



126.2730, 33.3894, 70.7976



97.0480, 3.9203, 2.5889



49.3510, 58.4940, 45.2962



11.8500, 14.3709, 10.6555

Inverse Universe

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



118.5210, 3.6871, 77.5961



124.6210, 5.6098, 114.3424



152.7270, -33.3894, -70.7976



97.7450, 0.1257, 6.3626



57.8700, 4.5011, 96.5840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 111.6090, 47.0278, 36.2999 looks on a white background.

Color Contrast Check

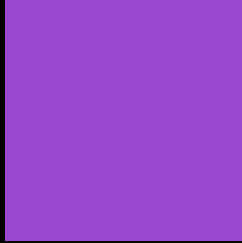
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.6090, 47.0278, 36.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

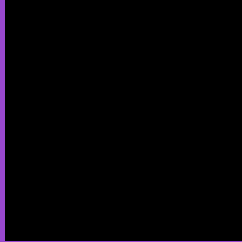
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.6090, 47.0278, 36.2999

Background



This preview shows how black text looks on a background with the YUV color 111.6090, 47.0278, 36.2999.



This preview shows how white text looks on a background with the YUV color 111.6090, 47.0278, 36.2999.

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

111.6090, 47.0278, 36.2999

Protanopia

88.8010, 68.6251, -77.8785

Deuteranopia

96.7910, 50.3890, -62.0837



Tritanopia

113.3770, -1.6649, 20.7174

Trichromacy



Original Color

111.6090, 47.0278, 36.2999

Protanomaly

97.0020, 60.6380, -35.9588

Deuteranomaly

102.0820, 49.2596, -26.3819

Tritanomaly

112.7040, 15.9219, 26.5696

Monochromacy



Original Color

111.6090, 47.0278, 36.2999

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6700, 17.4177, 13.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6090, 47.0278, 36.2999 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(153, 72, 207)` looks like.

```
.text, #text, p{  
    color:rgb(153, 72, 207)  
}
```

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(153, 72, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 72, 207) }
```

Border

The CSS property to change the border of an element to YUV 111.6090, 47.0278, 36.2999 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(153, 72, 207) }
```


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

```
.border{ border-color:rgb(153, 72, 207) }
```

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

Here you see how a box with a 4 pixel rgb(153, 72, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 72, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 72, 207);  
box-shadow:4px 4px 4px 4px rgb(153, 72,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 111.6090, 47.0278, 36.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 72, 207) }
```

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

```
.background{ background-color: rgb(153, 72,  
207) }
```

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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