

Converting Colors

YUV(111.1640, 28.5131,
48.0912)

Have a look what the booklet for
YUV(111.1640, 28.5131, 48.0912)
contains.

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Color

**YUV(111.1640, 28.5131,
48.0912)**

Conversions

Conversions Part 1

Format	Color
Hex	A648A9
RGB	166, 72, 169
RGB Percent	65%, 28%, 66%
CMY	0.3490, 0.7176, 0.3373
CMYK	0.02, 0.57, 0.00, 0.34
HSL	298°, 40%, 47%
HSV	298°, 57%, 66%
XYZ	25.2047, 15.6063, 39.2200
YIQ	111.1640, 24.8870, 50.0950

Conversions

Conversions Part 2

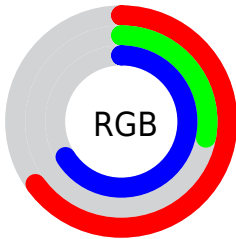
Format	Color
RYB	166, 72, 169
Decimal	10897577
CIELab	46.45, 52.03, -34.62
CIELCh	46, 62.501, 326.360
Yxy	15.6063, 0.3149, 0.1950
Android (android.graphics.Color)	4289087657 (0xFFA648A9)
YUV	111.1640, 28.5131, 48.0912
Hunter-Lab	39.5048, 44.7524, -31.2092

Details

The YUV color **111.1640, 28.5131, 48.0912** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **129.8360, -28.5131, -48.0912**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7020, 29.2339, 50.2503**, and **52.8700, 31.1231, 50.9800** is the 20% darker color. If you saturate the color by 10%, you get **100.8860, 33.5802, 56.2280**, and if you desaturate by 10%, it is **121.4420, 23.4461, 39.9544**.

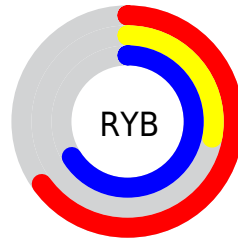
Distribution



Red (65%)

Green (28%)

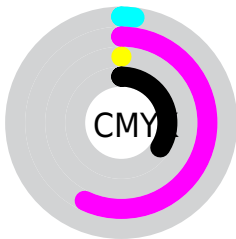
Blue (66%)



Red (65%)

Yellow (28%)

Blue (66%)

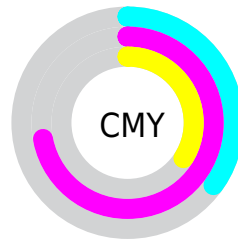


Cyan (2%)

Magenta (57%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (72%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1640, 28.5131, 48.0912 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 111.1640, 28.5131, 48.0912 by changing the saturation by 10% instead.

■ 111.1640, 28.5131,
48.0912

■ 111.1640, 28.5131,
48.0912

255.0000, 0.0000,
0.0000

■ 83.8650, 28.6606,
47.4764

■ 165.7020, 29.2339,
50.2503

■ 52.8700, 31.1231,
50.9800

■ 194.3000, 28.9391,
51.4799

■ 35.7890, 27.2190,
43.1580

■ 211.5620, 21.4149,
38.0951

■ 25.2790, 20.5685,
29.5733

■ 227.9980, 13.3120,
23.6808

■ 15.5950, 14.4967,
17.0182

■ 245.0210, 4.9196,
8.7516

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 111.1640, 28.5131,
48.0912

■ 111.1640, 28.5131,
48.0912

■ 100.8860, 33.5802,
56.2280

■ 121.4420, 23.4461,
39.9544

■ 90.9070, 38.4998,
64.9796

■ 131.4210, 18.5264,
31.2028

■ 80.6290, 43.5669,
73.1164

■ 141.6990, 13.4594,
23.0660

■ 70.6500, 48.4865,
81.8679

■ 151.6780, 8.5397,
14.3144

■ 68.3020, 49.6441,
83.9271

■ 161.3690, 3.7621,
6.6924

■ 171.3480, -1.1576,
-2.0592

■ 181.6260, -6.2246,
-10.1960

■ 191.6050,
-11.1443, -18.9476

■ 201.8830,
-16.2113, -27.0844

Harmonies

Analogous

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



108.9910, 47.3324, -14.9011



111.1640, 28.5131, 48.0912



102.1180, 8.3228, 84.0885

Triad

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



111.1640, 28.5131, 48.0912



103.4840, -51.0176, 30.2705



95.7410, 29.2147, -83.9649

Complementary

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



111.1640, 28.5131, 48.0912



129.8360, -28.5131, -48.0912

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.



89.6990, 6.0644, -78.6660



111.1640, 28.5131, 48.0912



97.3390, -47.9881, -8.1903

Square

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



111.1640, 28.5131, 48.0912



103.3540, -43.5585, 64.5875



81.0810, -16.8019, -71.1080



98.1810, 48.7178, -86.1047

Rectangle

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



111.1640, 28.5131, 48.0912



100.4980, -8.1335, 89.0173



81.0810, -16.8019, -71.1080



93.8030, 21.7891, -82.2652

Sweetspot

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



111.1640, 28.5131, 48.0912



196.9820, 10.8549, 18.4328



84.8190, 41.5012, -11.2423



96.7870, 6.5140, 10.7108



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.1640, 28.5131, 48.0912



129.1670, 44.2877, 75.2755



106.9310, 8.4150, 54.4345



79.3040, 2.3151, 4.1184



59.6290, 43.5669, 73.1164



8.2600, 5.7878, 10.2960

Inverse Universe

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



101.3450, -12.9881, 59.3334



113.7190, -20.0745, 92.3314



134.0690, -8.4150, -54.4345



78.3920, -1.1793, 4.9182



44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 111.1640, 28.5131, 48.0912 looks on a white background.

Color Contrast Check

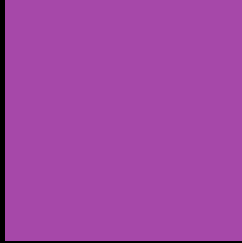
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.1640, 28.5131, 48.0912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

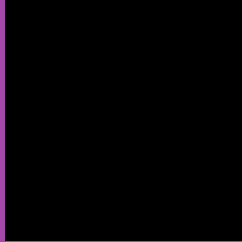
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.1640, 28.5131, 48.0912

Background



This preview shows how black text looks on a background with the YUV color 111.1640, 28.5131, 48.0912.



This preview shows how white text looks on a background with the YUV color 111.1640, 28.5131,

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

111.1640, 28.5131, 48.0912

Protanopia

105.4460, 47.1081, -36.3481

Deuteranopia

109.6490, 25.8090, -18.1092



Tritanopia

111.5320, -6.6713, 39.8754

Trichromacy



Original Color

111.1640, 28.5131, 48.0912



Protanomaly

107.5100, 40.1746, -5.7093



Deuteranomaly

110.1450, 27.0435, 6.0118



Tritanomaly

111.2840, 6.2690, 42.7239

Monochromacy



Original Color

111.1640, 28.5131, 48.0912



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

111.1560, 10.2761, 17.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1640, 28.5131, 48.0912 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(166, 72, 169)` looks like.

```
.text, #text, p{  
    color:rgb(166, 72, 169)  
}
```

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(166, 72, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 72, 169) }
```

Border

The CSS property to change the border of an element to YUV 111.1640, 28.5131, 48.0912 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(166, 72, 169) }
```


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

```
.border{ border-color:rgb(166, 72, 169) }
```

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

Here you see how a box with a 4 pixel rgb(166, 72, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 72, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 72, 169);  
box-shadow:4px 4px 4px 4px rgb(166, 72,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 111.1640, 28.5131, 48.0912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 72, 169) }
```

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

```
.background{ background-color: rgb(166, 72,  
169) }
```

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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