

Converting Colors

YUV(112.7480, 19.3512,
46.7020)

Have a look what the booklet for
YUV(112.7480, 19.3512, 46.7020)
contains.

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Color

**YUV(112.7480, 19.3512,
46.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	A64E98
RGB	166, 78, 152
RGB Percent	65%, 31%, 60%
CMY	0.3490, 0.6941, 0.4039
CMYK	0.00, 0.53, 0.08, 0.35
HSL	310°, 36%, 48%
HSV	310°, 53%, 65%
XYZ	24.1178, 15.8228, 31.4887
YIQ	112.7480, 28.6940, 41.6700

Conversions

Conversions Part 2

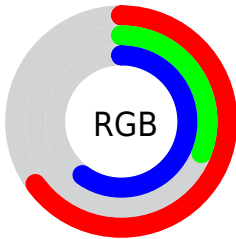
Format	Color
R_{YB}	166, 78, 152
Decimal	10899096
CIE _{Lab}	46.74, 46.11, -24.09
CIE _{LCh}	47, 52.021, 332.420
Yxy	15.8228, 0.3376, 0.2215
Android (android.graphics.Color)	4289089176 (0xFFA64E98)
YUV	112.7480, 19.3512, 46.7020
Hunter-Lab	39.7778, 38.6154, -19.0903

Details

The YUV color **112.7480, 19.3512, 46.7020** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **131.2520, -19.3512, -46.7020**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0580, 19.1984, 49.0611**, and **59.0900, 20.6616, 46.4021** is the 20% darker color. If you saturate the color by 10%, you get **102.4270, 22.9605, 55.7535**, and if you desaturate by 10%, it is **123.0690, 15.7420, 37.6505**.

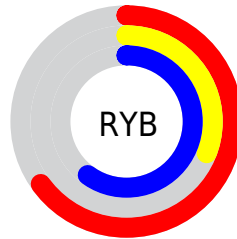
Distribution



Red (65%)

Green (31%)

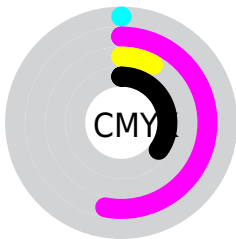
Blue (60%)



Red (65%)

Yellow (31%)

Blue (60%)

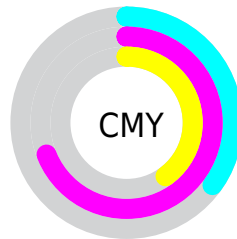


Cyan (0%)

Magenta (53%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7480, 19.3512, 46.7020 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 112.7480, 19.3512, 46.7020 by changing the saturation by 10% instead.

■ 112.7480, 19.3512,
46.7020

■ 112.7480, 19.3512,
46.7020

255.0000, 0.0000,
0.0000

■ 86.1500, 19.6460,
45.4724

■ 167.0580, 19.1984,
49.0611

■ 59.0900, 20.6616,
46.4021

■ 194.8840, 19.7772,
50.0907

■ 34.1930, 21.1039,
44.5577

■ 214.4970, 19.9680,
35.5211

■ 23.9820, 14.3059,
31.5878

■ 230.9330, 11.8650,
21.1068

■ 14.7110, 8.5235,
19.5475

■ 247.9560, 3.4727,
6.1776

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 112.7480, 19.3512,
46.7020

■ 112.7480, 19.3512,
46.7020

■ 102.4270, 22.9605,
55.7535

■ 123.0690, 15.7420,
37.6505

■ 92.8070, 26.7171,
64.1903

■ 132.6890, 11.9853,
29.2137

■ 82.4860, 30.3264,
73.2418

■ 143.0100, 8.3761,
20.1622

■ 72.7520, 33.6463,
81.7785

■ 152.7440, 5.0562,
11.6255

■ 65.5940, 36.6822,
88.0561

■ 162.9510, 1.0102,
2.6740

■ 173.2720, -2.5991,
-6.3775

■ 182.8920, -6.3558,
-14.8143

■ 193.2130, -9.9650,
-23.8658

■ 202.9470,
-13.2849, -32.4025

Harmonies

Analogous

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



113.0010, 35.4955, 1.7531



112.7480, 19.3512, 46.7020



107.9670, 0.5093, 70.1889

Triad

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



112.7480, 19.3512, 46.7020



103.7110, -48.6645, 22.1785



94.7950, 30.6671, -83.1352

Complementary

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



112.7480, 19.3512, 46.7020



131.2520, -19.3512, -46.7020

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.



89.7790, 11.4480, -78.7362



112.7480, 19.3512, 46.7020



100.2210, -35.6050, -13.3488

Square

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



112.7480, 19.3512, 46.7020



107.0470, -37.9842, 49.9478



82.8880, -7.3398, -72.6928



95.3940, 45.6548, -83.6605

Rectangle

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



112.7480, 19.3512, 46.7020



107.3080, -13.4628, 71.6439



82.8880, -7.3398, -72.6928



93.1990, 24.5519, -81.7355

Sweetspot

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



112.7480, 19.3512, 46.7020



195.7710, 7.5079, 18.6178



91.9190, 36.5219, -0.8060



97.2170, 4.3300, 11.2107



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.



112.7480, 19.3512, 46.7020



132.8990, 30.6158, 73.7566



107.8460, 0.5689, 51.0011



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Inverse Universe

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



112.7480, 19.3512, 46.7020



132.8990, 30.6158, 73.7566



136.1540, -0.5689, -51.0011



79.1900, 1.8783, 4.2184



58.3880, 32.3467, 78.5897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 112.7480, 19.3512, 46.7020 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 112.7480, 19.3512, 46.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

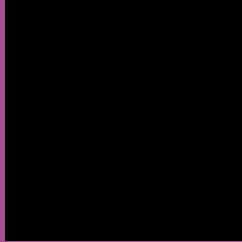
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 112.7480, 19.3512, 46.7020

Background



This preview shows how black text looks on a background with the YUV color 112.7480, 19.3512, 46.7020.



This preview shows how white text looks on a background with the YUV color 112.7480, 19.3512,

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

112.7480, 19.3512, 46.7020

Protanopia

109.5760, 33.2400, -21.5532

Deuteranopia

112.1250, 17.1934, -8.0026



Tritanopia

112.4290, -7.1135, 41.7198

Trichromacy



Original Color

112.7480, 19.3512, 46.7020

Protanomaly

110.7640, 28.2173, 2.8380

Deuteranomaly

112.1860, 18.1493, 12.1149

Tritanomaly

112.3720, 2.7746, 43.5238

Monochromacy



Original Color

112.7480, 19.3512, 46.7020

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.6460, 7.0765, 16.9735

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7480, 19.3512, 46.7020 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, 78, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 78, 152)  
}
```

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, 78, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 78, 152) }
```

Border

The CSS property to change the border of an element to YUV 112.7480, 19.3512, 46.7020 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, 78, 152) }
```


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

```
.border{ border-color:rgb(166, 78, 152) }
```

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

Here you see how a box with a 4 pixel rgb(166, 78, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 78, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 78, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 78,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 112.7480, 19.3512, 46.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 78, 152) }
```

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

```
.background{ background-color: rgb(166, 78,  
152) }
```

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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