

Converting Colors

YUV(116.6830, 17.9043,
44.1280)

Have a look what the booklet for
YUV(116.6830, 17.9043, 44.1280)
contains.

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Color

**YUV(116.6830, 17.9043,
44.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	A75499
RGB	167, 84, 153
RGB Percent	65%, 33%, 60%
CMY	0.3451, 0.6706, 0.4000
CMYK	0.00, 0.50, 0.08, 0.35
HSL	310°, 33%, 49%
HSV	310°, 50%, 65%
XYZ	24.8564, 16.8560, 32.0805
YIQ	116.6830, 27.3190, 39.0550

Conversions

Conversions Part 2

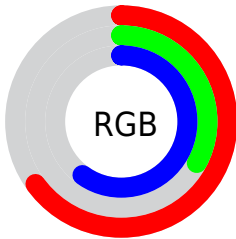
Format	Color
R _Y B	167, 84, 153
Decimal	10966169
CIE Lab	48.08, 43.55, -22.60
CIE LCh	48, 49.063, 332.567
Yxy	16.8560, 0.3368, 0.2284
Android (android.graphics.Color)	4289156249 (0xFFA75499)
YUV	116.6830, 17.9043, 44.1280
Hunter-Lab	41.0561, 36.2204, -17.5888

Details

The YUV color **116.6830, 17.9043, 44.1280** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.3170, -17.9043, -44.1280**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5200, 18.4776, 46.9020**, and **64.1990, 18.6359, 42.7985** is the 20% darker color. If you saturate the color by 10%, you get **106.3620, 21.5135, 53.1795**, and if you desaturate by 10%, it is **127.0040, 14.2950, 35.0765**.

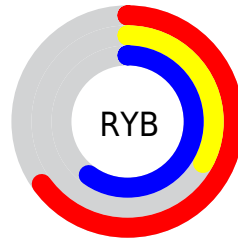
Distribution



Red (65%)

Green (33%)

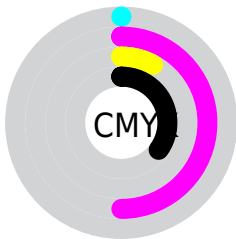
Blue (60%)



Red (65%)

Yellow (33%)

Blue (60%)

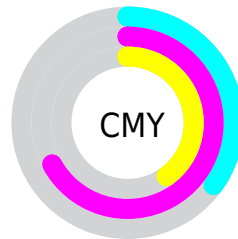


Cyan (0%)

Magenta (50%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (67%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6830, 17.9043, 44.1280 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 116.6830, 17.9043, 44.1280 by changing the saturation by 10% instead.

116.6830, 17.9043,
44.1280

116.6830, 17.9043,
44.1280

255.0000, 0.0000,
0.0000

90.3840, 18.0517,
43.5132

170.5200, 18.4776,
46.9020

64.1990, 18.6359,
42.7985

198.8190, 18.3302,
47.5167

34.9050, 21.2458,
45.6873

217.4320, 18.5210,
32.9471

24.3950, 14.5953,
32.1026

234.4550, 10.1287,
18.0180

15.7220, 8.5181,
21.2918

251.4780, 1.7363,
3.0888

0.5700, 2.1840,
-0.4999

0.0000, 0.0000,

0.0000

■ 116.6830, 17.9043,
44.1280

■ 116.6830, 17.9043,
44.1280

■ 106.3620, 21.5135,
53.1795

■ 127.0040, 14.2950,
35.0765

■ 96.6280, 24.8334,
61.7162

■ 136.7380, 10.9752,
26.5398

■ 86.4210, 28.8794,
70.6678

■ 146.9450, 6.9291,
17.5882

■ 76.1000, 32.4887,
79.7193

■ 157.2660, 3.3199,
8.5367

■ 66.3660, 35.8086,
88.2560

■ 167.0000, 0.0000,
0.0000

■ 65.7790, 36.0980,
88.7708

■ 177.3210, -3.6093,
-9.0515

■ 187.6420, -7.2185,
-18.1030

■ 197.9630,
-10.8278, -27.1546

■ 207.5830,
-14.5844, -35.5913

Harmonies

Analogous

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



116.7300, 33.1641, 2.8678



116.6830, 17.9043, 44.1280



113.0050, -0.4955, 65.7706

Triad

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



116.6830, 17.9043, 44.1280



108.1930, -42.9861, 20.8787



96.0830, 30.5251, -84.2648

Complementary

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



116.6830, 17.9043, 44.1280



134.3170, -17.9043, -44.1280

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.



91.9960, 12.3270, -80.6805



116.6830, 17.9043, 44.1280



104.0300, -32.5528, -12.3043

Square

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



116.6830, 17.9043, 44.1280



111.3070, -35.6474, 47.0888



90.1170, -7.9457, -65.0006



96.4540, 44.6392, -84.5902

Rectangle

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



116.6830, 17.9043, 44.1280



111.9870, -13.3046, 67.5404



90.1170, -7.9457, -65.0006



95.1880, 24.5573, -83.4799

Sweetspot

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



116.6830, 17.9043, 44.1280



196.9450, 6.9291, 17.5882



97.6480, 34.1905, 0.3087



97.8040, 4.0406, 10.6959



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.



116.6830, 17.9043, 44.1280



138.1820, 28.0113, 69.1234



112.0090, -0.0044, 48.2271



79.1900, 1.8783, 4.2184



58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Inverse Universe

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



116.6830, 17.9043, 44.1280



138.1820, 28.0113, 69.1234



138.9910, 0.0044, -48.2271



79.1900, 1.8783, 4.2184



58.2740, 31.9099, 78.6897



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 116.6830, 17.9043, 44.1280 looks on a white background.

Color Contrast Check

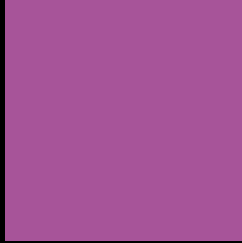
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.6830, 17.9043, 44.1280 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 116.6830, 17.9043, 44.1280

Background



This preview shows how black text looks on a background with the YUV color 116.6830, 17.9043, 44.1280.



This preview shows how white text looks on a background with the YUV color 116.6830, 17.9043,

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

116.6830, 17.9043, 44.1280

Protanopia

113.9030, 30.6138, -19.2089

Deuteranopia

115.4950, 16.0250, -6.5731



Tritanopia

116.2330, -6.5239, 39.2607

Trichromacy



Original Color

116.6830, 17.9043, 44.1280

Protanomaly

114.6070, 26.3227, 3.8527

Deuteranomaly

115.5450, 16.9863, 11.8000

Tritanomaly

116.5350, 2.2012, 40.7498

Monochromacy



Original Color

116.6830, 17.9043, 44.1280

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8200, 6.4977, 15.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6830, 17.9043, 44.1280 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(167, 84, 153)` looks like.

```
.text, #text, p{  
    color:rgb(167, 84, 153)  
}
```

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(167, 84, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 84, 153) }
```

Border

The CSS property to change the border of an element to YUV 116.6830, 17.9043, 44.1280 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(167, 84, 153) }
```


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

```
.border{ border-color:rgb(167, 84, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 84, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 84, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 84, 153);  
box-shadow:4px 4px 4px 4px rgb(167, 84,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 116.6830, 17.9043, 44.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 84, 153) }
```

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

```
.background{ background-color: rgb(167, 84,  
153) }
```

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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