

Converting Colors

YUV(111.5630, 16.4844,
32.8322)

Have a look what the booklet for
YUV(111.5630, 16.4844, 32.8322)
contains.

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Color

**YUV(111.5630, 16.4844,
32.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	955691
RGB	149, 86, 145
RGB Percent	58%, 34%, 57%
CMY	0.4157, 0.6627, 0.4314
CMYK	0.00, 0.42, 0.03, 0.42
HSL	304°, 27%, 46%
HSV	304°, 42%, 58%
XYZ	20.8330, 15.0895, 28.6026
YIQ	111.5630, 18.6090, 31.7050

Conversions

Conversions Part 2

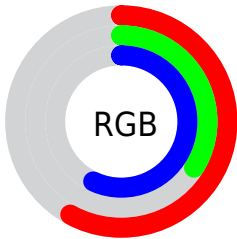
Format	Color
R _{YB}	149, 86, 145
Decimal	9787025
CIE _{Lab}	45.76, 35.28, -21.61
CIE _{LCh}	46, 41.370, 328.506
Yxy	15.0895, 0.3229, 0.2339
Android (android.graphics.Color)	4287977105 (0xFF955691)
YUV	111.5630, 16.4844, 32.8322
Hunter-Lab	38.8452, 27.7523, -16.4650

Details

The YUV color **111.5630, 16.4844, 32.8322** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.4370, -16.4844, -32.8322**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1010, 17.2052, 34.9914**, and **61.4380, 16.0531, 31.1879** is the 20% darker color. If you saturate the color by 10%, you get **102.6440, 20.3885, 40.6542**, and if you desaturate by 10%, it is **120.4820, 12.5804, 25.0103**.

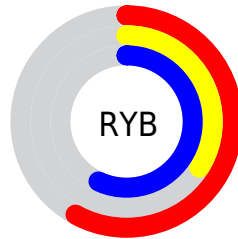
Distribution



Red (58%)

Green (34%)

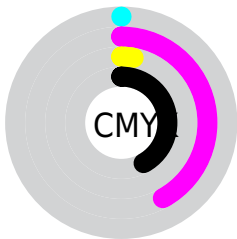
Blue (57%)



Red (58%)

Yellow (34%)

Blue (57%)

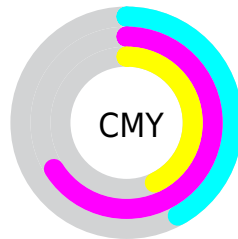


Cyan (0%)

Magenta (42%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5630, 16.4844, 32.8322 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 111.5630, 16.4844, 32.8322 by changing the saturation by 10% instead.

■ 111.5630, 16.4844,
32.8322

■ 111.5630, 16.4844,
32.8322

■ 255.0000, 0.0000,
0.0000

■ 85.8510, 16.3425,
31.7027

■ 164.1010, 17.2052,
34.9914

■ 61.4380, 16.0531,
31.1879

■ 191.8130, 17.3472,
36.1210

■ 35.9650, 16.7793,
31.6027

■ 218.0190, 18.2316,
32.4323

■ 19.8240, 13.8908,
24.7104

■ 234.4550, 10.1287,
18.0180

■ 9.9550, 8.4032,
11.4405

■ 251.4780, 1.7363,
3.0888

■ 0.0000, 0.0000,
0.0000

■ 111.5630, 16.4844,
32.8322

■ 111.5630, 16.4844,
32.8322

■ 102.6440, 20.3885,
40.6542

■ 120.4820, 12.5804,
25.0103

■ 93.7250, 24.2926,
48.4762

■ 129.4010, 8.6763,
17.1883

■ 84.8060, 28.1966,
56.2981

■ 138.3200, 4.7722,
9.3664

■ 75.8870, 32.1007,
64.1201

■ 147.2390, 0.8682,
1.5444

■ 66.9680, 36.0048,
71.9421

■ 156.1580, -3.0359,
-6.2776


■ 60.5110, 39.1881,
77.6049

■ 164.4900, -6.6506,
-13.5847

■ 173.4090,
-10.5546, -21.4067

■ 182.3280,

-14.4587, -29.2287

 191.2470,
-18.3628, -37.0506

Harmonies

Analogous

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



109.9590, 29.1072, -2.5950



111.5630, 16.4844, 32.8322



109.3840, 1.2897, 53.1602

Triad

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



111.5630, 16.4844, 32.8322



104.7830, -34.4030, 21.2383



89.3350, 24.9778, -78.3468

Complementary

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



111.5630, 16.4844, 32.8322



123.4370, -16.4844, -32.8322

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.



85.3450, 9.6899, -74.8476



111.5630, 16.4844, 32.8322



101.5130, -28.3539, -5.7119

Square

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



111.5630, 16.4844, 32.8322



106.8210, -28.5058, 43.1300



94.0600, -11.3686, -40.3946



90.0650, 37.9290, -78.9870

Rectangle

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



111.5630, 16.4844, 32.8322



107.8330, -9.7777, 56.2745



94.0600, -11.3686, -40.3946



88.0810, 20.1731, -77.2470

Sweetspot

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



111.5630, 16.4844, 32.8322



179.0970, 6.3612, 13.0699



94.0790, 27.0761, -4.4543



87.4940, 4.1935, 8.3368



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



111.5630, 16.4844, 32.8322



135.2030, 26.0289, 51.5650



108.0290, 2.9437, 35.9316



69.7770, 1.5889, 3.7036



55.9680, 36.0048, 71.9421



4.1300, 2.8939, 5.1480

Inverse Universe

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



111.5630, 16.4844, 32.8322



135.2030, 26.0289, 51.5650



126.9710, -2.9437, -35.9316



69.7770, 1.5889, 3.7036



55.9680, 36.0048, 71.9421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 111.5630, 16.4844, 32.8322 looks on a white background.

Color Contrast Check

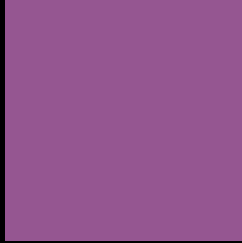
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.5630, 16.4844, 32.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

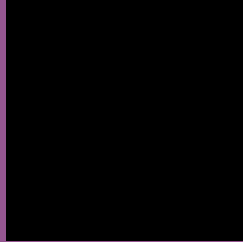
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.5630, 16.4844, 32.8322

Background



This preview shows how black text looks on a background with the YUV color 111.5630, 16.4844, 32.8322.



This preview shows how white text looks on a background with the YUV color 111.5630, 16.4844,

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

111.5630, 16.4844, 32.8322

Protanopia

108.0730, 26.0930, -15.8500

Deuteranopia

109.3810, 15.5882, -6.4731



Tritanopia

110.4490, -4.1654, 29.4242

Trichromacy



Original Color

111.5630, 16.4844, 32.8322

Protanomaly

108.9720, 22.6918, 1.7786

Deuteranomaly

109.8820, 15.8342, 7.9965

Tritanomaly

111.1100, 3.3968, 30.5985

Monochromacy



Original Color

111.5630, 16.4844, 32.8322

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5630, 16.4844, 32.8322 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(149, 86, 145)` looks like.

```
.text, #text, p{  
    color:rgb(149, 86, 145)  
}
```

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(149, 86, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 86, 145) }
```

Border

The CSS property to change the border of an element to YUV 111.5630, 16.4844, 32.8322 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(149, 86, 145) }
```


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

```
.border{ border-color:rgb(149, 86, 145) }
```

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

Here you see how a box with a 4 pixel rgb(149, 86, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 86, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 86, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 86,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 111.5630, 16.4844, 32.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 86, 145) }
```

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

```
.background{ background-color: rgb(149, 86,  
145) }
```

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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