

Converting Colors

YUV(112.4330, 0.2795, 50.4863)

Have a look what the booklet for
YUV(112.4330, 0.2795, 50.4863)
contains.

YUV(112.4330, 0.2795, 50.4863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.4330, 0.2795,
50.4863)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5371
RGB	170, 83, 113
RGB Percent	67%, 33%, 44%
CMY	0.3333, 0.6745, 0.5569
CMYK	0.00, 0.51, 0.34, 0.33
HSL	339°, 34%, 50%
HSV	339°, 51%, 67%
XYZ	22.6515, 15.9248, 17.5027
YIQ	112.4330, 42.2220, 27.7740

Conversions

Conversions Part 2

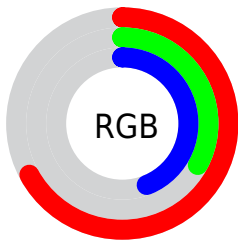
Format	Color
R_{YB}	170, 83, 113
Decimal	11162481
CIE Lab	46.88, 38.98, -0.34
CIE LCh	47, 38.981, 359.501
Yxy	15.9248, 0.4039, 0.2840
Android (android.graphics.Color)	4289352561 (0xFFAA5371)
YUV	112.4330, 0.2795, 50.4863
Hunter-Lab	39.9059, 31.4851, 1.9296

Details

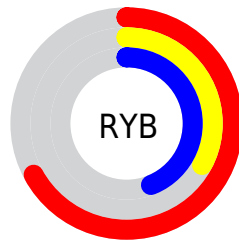
The YUV color **112.4330, 0.2795, 50.4863** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **140.5670, -0.2795, -50.4863**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2270, -0.6049, 54.1749**, and **60.5790, 2.1796, 47.7272** is the 20% darker color. If you saturate the color by 10%, you get **101.2000, 0.3944, 60.3376**, and if you desaturate by 10%, it is **123.6660, 0.1647, 40.6349**.

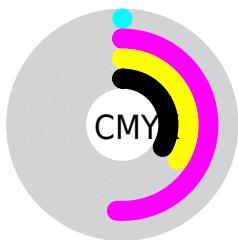
Distribution



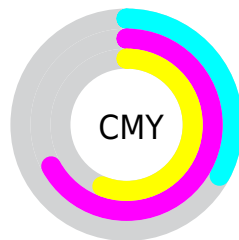
- Red (67%)
- Green (33%)
- Blue (44%)



- Red (67%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (34%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4330, 0.2795, 50.4863 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 112.4330, 0.2795, 50.4863 by changing the saturation by 10% instead.

■ 112.4330, 0.2795,
50.4863

■ 112.4330, 0.2795,
50.4863

■ 255.0000, 0.0000,
0.0000

■ 86.6500, 1.1586,
48.5420

■ 166.2270, -0.6049,
54.1749

■ 60.5790, 2.1796,
47.7272

■ 193.2270, -0.6049,
54.1749

■ 31.8010, 5.5211,
49.2865

■ 212.8550, 3.5225,
36.9612

■ 21.1600, 0.9071,
35.8167

■ 232.4830, 7.6499,
19.7474

■ 11.7750, -5.3121,
23.8763

■ 250.3040, 2.3151,
4.1184

■ 0.0000, 0.0000,
0.0000

■ 112.4330, 0.2795,
50.4863

■ 112.4330, 0.2795,
50.4863

■ 101.2000, 0.3944,
60.3376

■ 123.6660, 0.1647,
40.6349

■ 89.9670, 0.5093,
70.1889

■ 134.8990, 0.0498,
30.7836

■ 78.7340, 0.6241,
80.0403

■ 146.1320, -0.0651,
20.9322

■ 67.3870, 0.3022,
89.9916

■ 157.4790, 0.2569,
10.9809

■ 57.5560, 0.7119,
98.6134

■ 168.7120, 0.1420,
1.1296

■ 179.9450, 0.0271,
-8.7218

■ 191.1780, -0.0878,
-18.5731

■ 202.4110, -0.2026,

-28.4244

■ 213.6440, -0.3175,
-38.2758

Harmonies

Analogous

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



114.5090, 15.0321, 32.0026



112.4330, 0.2795, 50.4863



110.8450, -14.7136, 52.7559

Triad

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



112.4330, 0.2795, 50.4863



104.6700, -26.4593, -6.7266



91.2390, 37.3502, -80.0166

Complementary

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



112.4330, 0.2795, 50.4863



140.5670, -0.2795, -50.4863

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.



90.7370, 25.2727, -79.5763



112.4330, 0.2795, 50.4863



98.5980, -10.6478, -38.2354

Square

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



112.4330, 0.2795, 50.4863



107.7550, -31.9242, 19.5089



86.9750, 10.8583, -76.2771



101.0240, 36.9632, -49.1330

Rectangle

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



112.4330, 0.2795, 50.4863



110.0970, -23.7118, 45.5189



86.9750, 10.8583, -76.2771



91.6150, 33.7138, -80.3464

Sweetspot

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



112.4330, 0.2795, 50.4863



200.1210, -0.0597, 19.1879



109.9610, 29.5992, 26.3442



98.7780, 0.1094, 11.5957



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



112.4330, 0.2795, 50.4863



132.6090, 0.1928, 78.3959



116.6440, -16.5865, 46.7932



78.7340, 0.1311, 4.6183



50.0660, 0.4605, 85.8881



6.7780, 0.1094, 11.5957

Inverse Universe

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



112.4330, 0.2795, 50.4863



132.6090, 0.1928, 78.3959



136.3560, 16.5865, -46.7932



78.7340, 0.1311, 4.6183



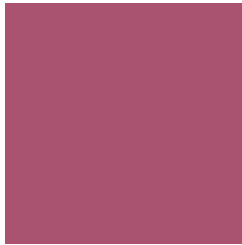
50.0660, 0.4605, 85.8881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 112.4330, 0.2795, 50.4863 looks on a white background.

Color Contrast Check

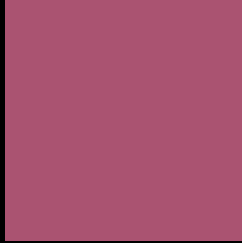
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.4330, 0.2795, 50.4863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

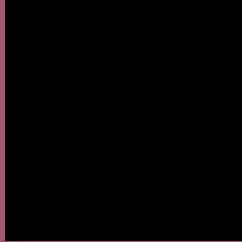
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.4330, 0.2795, 50.4863

Background



This preview shows how black text looks on a background with the YUV color 112.4330, 0.2795, 50.4863.



This preview shows how white text looks on a background with the YUV color 112.4330, 0.2795,

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

112.4330, 0.2795, 50.4863

Protanopia

112.2690, 8.7414, -3.7439

Deuteranopia

112.5990, -1.7743, 9.1217



Tritanopia

111.9030, -9.3192, 49.1971

Trichromacy



Original Color

112.4330, 0.2795, 50.4863

Protanomaly

112.5920, 5.6241, 16.1438

Deuteranomaly

112.5130, -1.2389, 24.1061

Tritanomaly

112.4130, -6.1196, 49.6268

Monochromacy



Original Color

112.4330, 0.2795, 50.4863

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8220, 0.0878, 18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4330, 0.2795, 50.4863 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(170, 83, 113)` looks like.

```
.text, #text, p{  
    color:rgb(170, 83, 113)  
}
```

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(170, 83, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 83, 113) }
```

Border

The CSS property to change the border of an element to YUV 112.4330, 0.2795, 50.4863 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(170, 83, 113) }
```


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

```
.border{ border-color:rgb(170, 83, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 83, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 83, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 83, 113);  
box-shadow:4px 4px 4px 4px rgb(170, 83,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 112.4330, 0.2795, 50.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 83, 113) }
```

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

```
.background{ background-color: rgb(170, 83,  
113) }
```

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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