

Converting Colors

YUV(112.1470, 10.7735,
44.5981)

Have a look what the booklet for
YUV(112.1470, 10.7735, 44.5981)
contains.

YUV(112.1470, 10.7735, 44.5981)	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(112.1470, 10.7735,
44.5981)**

Conversions

Conversions Part 1

Format	Color
Hex	A35286
RGB	163, 82, 134
RGB Percent	64%, 32%, 53%
CMY	0.3608, 0.6784, 0.4745
CMYK	0.00, 0.50, 0.18, 0.36
HSL	321°, 33%, 48%
HSV	321°, 50%, 64%
XYZ	22.4246, 15.5423, 24.3723
YIQ	112.1470, 31.5840, 33.3440

Conversions

Conversions Part 2

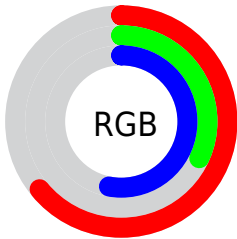
Format	Color
RYB	163, 82, 134
Decimal	10703494
CIELab	46.37, 40.13, -13.90
CIElCh	46, 42.469, 340.891
Yxy	15.5423, 0.3597, 0.2493
Android (android.graphics.Color)	4288893574 (0xFFA35286)
YUV	112.1470, 10.7735, 44.5981
Hunter-Lab	39.4238, 32.5409, -9.0572

Details

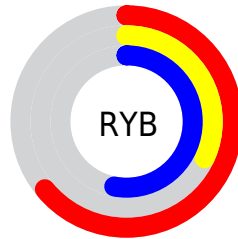
The YUV color **112.1470, 10.7735, 44.5981** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.8530, -10.7735, -44.5981**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7560, 10.4733, 47.5720**, and **60.3640, 11.6525, 42.6538** is the 20% darker color. If you saturate the color by 10%, you get **102.0710, 12.7830, 53.4347**, and if you desaturate by 10%, it is **122.2230, 8.7641, 35.7614**.

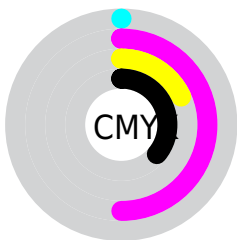
Distribution



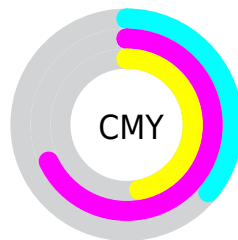
- Red (64%)
- Green (32%)
- Blue (53%)



- Red (64%)
- Yellow (32%)
- Blue (53%)



- Cyan (0%)
- Magenta (50%)
- Yellow (18%)
- Black (36%)



- Cyan (36%)
- Magenta (68%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1470, 10.7735, 44.5981 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 112.1470, 10.7735, 44.5981 by changing the saturation by 10% instead.

■ 112.1470, 10.7735,
44.5981

■ 112.1470, 10.7735,
44.5981

■ 255.0000, 0.0000,
0.0000

■ 86.5490, 11.0683,
43.3685

■ 165.7560, 10.4733,
47.5720

■ 60.3640, 11.6525,
42.6538

■ 193.4680, 10.6153,
48.7016

■ 31.7710, 14.4099,
44.9278

■ 214.8900, 13.8582,
35.1765

■ 21.7880, 8.4855,
31.7579

■ 232.6940, 10.9969,
19.5624

■ 12.5170, 2.7031,
19.7176

■ 249.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

■ 112.1470, 10.7735,
44.5981

■ 112.1470, 10.7735,
44.5981

■ 102.0710, 12.7830,
53.4347

■ 122.2230, 8.7641,
35.7614

■ 91.4080, 15.0819,
62.7862

■ 132.8860, 6.4652,
26.4100

■ 81.3320, 17.0913,
71.6228

■ 142.9620, 4.4557,
17.5733

■ 71.3700, 19.5376,
80.3595

■ 152.9240, 2.0095,
8.8367

■ 61.2940, 21.5471,
89.1962

■ 163.5870, -0.2894,
-0.5148

■ 60.7070, 21.8364,
89.7110

■ 173.6630, -2.2989,
-9.3515

■ 183.7390, -4.3083,
-18.1881

■ 193.8150, -6.3178,

-27.0248

 204.4780, -8.6167,
-36.3762

Harmonies

Analogous

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



113.0320, 25.1272, 14.0039



112.1470, 10.7735, 44.5981



109.5820, -5.7099, 58.2486

Triad

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



112.1470, 10.7735, 44.5981



104.7170, -34.3705, 10.7722



91.7460, 31.6772, -80.4612

Complementary

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



112.1470, 10.7735, 44.5981



132.8530, -10.7735, -44.5981

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.



88.4570, 16.5367, -77.5768



112.1470, 10.7735, 44.5981



100.3910, -23.3638, -19.6369

Square

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



112.1470, 10.7735, 44.5981



107.6260, -32.8466, 35.4080



83.6520, 0.6646, -73.3628



90.6180, 42.5863, -79.4720

Rectangle

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



112.1470, 10.7735, 44.5981



108.9980, -16.7610, 56.1298



83.6520, 0.6646, -73.3628



91.0790, 26.5831, -79.8763

Sweetspot

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



112.1470, 10.7735, 44.5981



191.8480, 4.0189, 17.6733



99.6060, 31.2532, 9.1155



95.0490, 2.4408, 10.4810



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



112.1470, 10.7735, 44.5981



132.2070, 16.6599, 69.9785



107.5870, -6.6984, 48.5972



76.3750, 1.2941, 4.9331



53.9570, 19.2482, 79.8447



6.6360, 2.1515, 9.9662

Inverse Universe

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



112.1470, 10.7735, 44.5981



132.2070, 16.6599, 69.9785



137.4130, 6.6984, -48.5972



76.3750, 1.2941, 4.9331



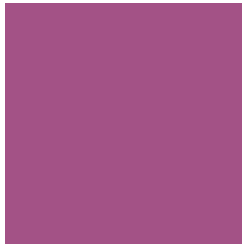
53.9570, 19.2482, 79.8447



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 112.1470, 10.7735, 44.5981 looks on a white background.

Color Contrast Check

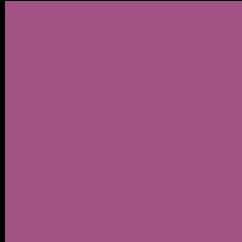
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.1470, 10.7735, 44.5981 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 112.1470, 10.7735, 44.5981

Background



This preview shows how black text looks on a background with the YUV color 112.1470, 10.7735, 44.5981.



This preview shows how white text looks on a background with the YUV color 112.1470, 10.7735,

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

112.1470, 10.7735, 44.5981

Protanopia

110.4280, 20.9880, -11.7764

Deuteranopia

111.7040, 9.0199, 0.2596



Tritanopia

111.4290, -7.1135, 41.7198

Trichromacy



Original Color

112.1470, 10.7735, 44.5981

Protanomaly

110.9360, 17.2866, 8.8261

Deuteranomaly

112.2160, 9.2605, 16.4736

Tritanomaly

111.4490, -0.7144, 42.5792

Monochromacy



Original Color

112.1470, 10.7735, 44.5981

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1360, 3.8770, 16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1470, 10.7735, 44.5981 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(163, 82, 134)` looks like.

```
.text, #text, p{  
    color:rgb(163, 82, 134)  
}
```

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(163, 82, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 82, 134) }
```

Border

The CSS property to change the border of an element to YUV 112.1470, 10.7735, 44.5981 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(163, 82, 134) }
```


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

```
.border{ border-color:rgb(163, 82, 134) }
```

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

Here you see how a box with a 4 pixel rgb(163, 82, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 82, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 82, 134);  
box-shadow:4px 4px 4px 4px rgb(163, 82,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 112.1470, 10.7735, 44.5981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 82, 134) }
```

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

```
.background{ background-color: rgb(163, 82,  
134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor