

Converting Colors

YUV(115.1130, -4.4927,
41.1199)

Have a look what the booklet for
YUV(115.1130, -4.4927, 41.1199)
contains.

YUV(115.1130, -4.4927, 41.1199)	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(115.1130, -4.4927,
41.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	A25D6A
RGB	162, 93, 106
RGB Percent	64%, 36%, 42%
CMY	0.3647, 0.6353, 0.5843
CMYK	0.00, 0.43, 0.35, 0.36
HSL	349°, 27%, 50%
HSV	349°, 43%, 64%
XYZ	21.4162, 16.5507, 15.7015
YIQ	115.1130, 36.9510, 18.6710

Conversions

Conversions Part 2

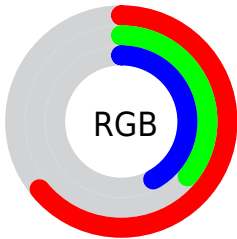
Format	Color
R_{YB}	162, 93, 106
Decimal	10640746
CIE _{Lab}	47.69, 29.73, 4.93
CIE _{LCh}	48, 30.140, 9.412
Yxy	16.5507, 0.3990, 0.3084
Android (android.graphics.Color)	4288830826 (0xFFA25D6A)
YUV	115.1130, -4.4927, 41.1199
Hunter-Lab	40.6825, 22.7718, 5.5947

Details

The YUV color **115.1130, -4.4927, 41.1199** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.8870, 4.4927, -41.1199**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4940, -5.6665, 44.2938**, and **65.4330, -3.1715, 37.3313** is the 20% darker color. If you saturate the color by 10%, you get **104.2390, -5.5408, 50.6564**, and if you desaturate by 10%, it is **125.9870, -3.4446, 31.5834**.

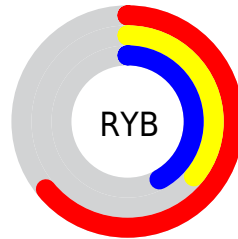
Distribution



Red (64%)

Green (36%)

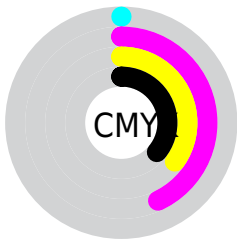
Blue (42%)



Red (64%)

Yellow (36%)

Blue (42%)

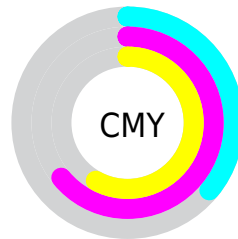


Cyan (0%)

Magenta (43%)

Yellow (35%)

Black (36%)



Cyan (36%)


Magenta (64%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.1130, -4.4927, 41.1199 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 115.1130, -4.4927, 41.1199 by changing the saturation by 10% instead.


 115.1130, -4.4927,
41.1199

 115.1130, -4.4927,
41.1199


255.0000, 0.0000,
0.0000

 89.6290, -3.7611,
39.7904


 168.4940, -5.6665,
44.2938

 65.4330, -3.1715,
37.3313


 195.5050, -5.6720,
46.0381

 41.0630, -2.0031,
35.9017

 217.2260, -2.5764,
33.1278

 18.8670, -1.4134,
33.4426

 236.8540, 1.5510,
15.9140

 10.2800, -4.5750,
20.8024

 0.0000, 0.0000,
0.0000

■ 115.1130, -4.4927,
41.1199

■ 115.1130, -4.4927,
41.1199

■ 104.2390, -5.5408,
50.6564

■ 125.9870, -3.4446,
31.5834

■ 93.3650, -6.5889,
60.1929

■ 136.8610, -2.3965,
22.0469

■ 81.9040, -7.3477,
70.2442

■ 148.3220, -1.6377,
11.9956

■ 70.9160, -8.8326,
79.8807

■ 159.3100, -0.1528,
2.3591

■ 60.0420, -9.8807,
89.4172

■ 170.1840, 0.8953,
-7.1774


■ 51.9720, -10.3392,
96.4946

■ 181.0580, 1.9434,
-16.7139

■ 191.9320, 2.9915,
-26.2504

■ 203.3930, 3.7503,

-36.3017

 214.2670, 4.7984,
-45.8382

Harmonies

Analogous

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



116.5490, 7.6173, 30.2135



115.1130, -4.4927, 41.1199



113.8280, -15.6912, 39.6158

Triad

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



115.1130, -4.4927, 41.1199



107.4550, -16.9863, -11.8000



100.9280, 29.1225, -54.3109

Complementary

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



115.1130, -4.4927, 41.1199



139.8870, 4.4927, -41.1199

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.



89.9050, 27.1618, -78.8467



115.1130, -4.4927, 41.1199



102.6290, -4.2541, -35.6316

Square

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



115.1130, -4.4927, 41.1199



110.4640, -23.8928, 10.1171



92.5290, 14.0362, -68.8699



111.5240, 25.3777, -19.7535

Rectangle

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



115.1130, -4.4927, 41.1199



113.2910, -21.3425, 32.1938



92.5290, 14.0362, -68.8699



93.8830, 30.6237, -69.1804

Sweetspot

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



115.1130, -4.4927, 41.1199



192.9420, -1.9434, 16.7139



117.3110, 22.0317, 26.9143



95.4250, -1.1955, 10.1513



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.



115.1130, -4.4927, 41.1199



138.5720, -7.1840, 64.3964



125.9580, -16.2483, 31.6088



75.9190, -0.4531, 5.3330



46.4330, -9.5805, 86.4433



5.7240, -1.3429, 10.7661

Inverse Universe

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



115.1130, -4.4927, 41.1199



138.5720, -7.1840, 64.3964



129.0420, 16.2483, -31.6088



75.9190, -0.4531, 5.3330



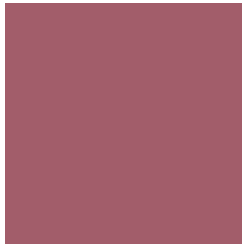
46.4330, -9.5805, 86.4433



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 115.1130, -4.4927, 41.1199 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 115.1130, -4.4927, 41.1199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

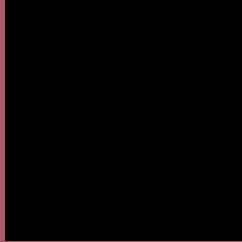
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.1130, -4.4927, 41.1199

Background



This preview shows how black text looks on a background with the YUV color 115.1130, -4.4927, 41.1199.



This preview shows how white text looks on a background with the YUV color 115.1130, -4.4927,

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

115.1130, -4.4927, 41.1199

Protanopia

114.0540, 1.4524, 0.8296

Deuteranopia

114.5840, -5.7109, 11.7658



Tritanopia

115.1300, -6.9661, 41.1050

Trichromacy



Original Color

115.1130, -4.4927, 41.1199

Protanomaly

114.5720, -0.7750, 15.2844

Deuteranomaly

114.7640, -5.3067, 22.1320

Tritanomaly

115.3580, -6.0925, 40.9050

Monochromacy



Original Color

115.1130, -4.4927, 41.1199

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0450, -1.5012, 14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.1130, -4.4927, 41.1199 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(162, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(162, 93, 106)  
}
```

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(162, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 93, 106) }
```

Border

The CSS property to change the border of an element to YUV 115.1130, -4.4927, 41.1199 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(162, 93, 106) }
```


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

```
.border{ border-color:rgb(162, 93, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 93, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 93, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 93, 106);  
box-shadow:4px 4px 4px 4px rgb(162, 93,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 115.1130, -4.4927, 41.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 93, 106) }
```

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

```
.background{ background-color: rgb(162, 93,  
106) }
```

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