

Converting Colors

YUV(105.2500, 11.2158,
42.7538)

Have a look what the booklet for
YUV(105.2500, 11.2158, 42.7538)
contains.

YUV(105.2500, 11.2158, 42.7538)	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(105.2500, 11.2158,
42.7538)**

Conversions

Conversions Part 1

Format	Color
Hex	9A4C80
RGB	154, 76, 128
RGB Percent	60%, 30%, 50%
CMY	0.3961, 0.7020, 0.4980
CMYK	0.00, 0.51, 0.17, 0.40
HSL	320°, 34%, 45%
HSV	320°, 51%, 60%
XYZ	19.8071, 13.5974, 22.0027
YIQ	105.2500, 29.7960, 32.7080

Conversions

Conversions Part 2

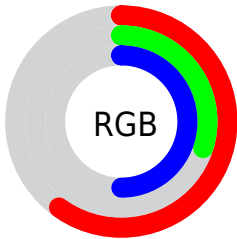
Format	Color
R_{YB}	154, 76, 128
Decimal	10112128
CIE _{Lab}	43.65, 39.32, -14.52
CIE _{LCh}	44, 41.919, 339.735
Yxy	13.5974, 0.3575, 0.2454
Android (android.graphics.Color)	4288302208 (0xFF9A4C80)
YUV	105.2500, 11.2158, 42.7538
Hunter-Lab	36.8747, 31.3502, -9.5654

Details

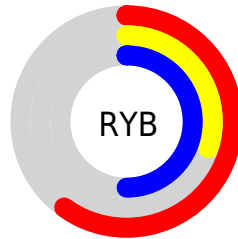
The YUV color **105.2500, 11.2158, 42.7538** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **124.7500, -11.2157, -42.7537**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5600, 11.0629, 45.1129**, and **53.8800, 12.3842, 41.3242** is the 20% darker color. If you saturate the color by 10%, you get **95.8750, 13.3726, 50.9756**, and if you desaturate by 10%, it is **114.6250, 9.0589, 34.5319**.

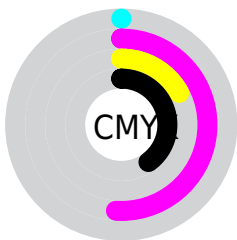
Distribution



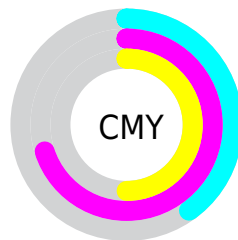
- Red (60%)
- Green (30%)
- Blue (50%)



- Red (60%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (51%)
- Yellow (17%)
- Black (40%)



- Cyan (40%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.2500, 11.2158, 42.7538 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 105.2500, 11.2158, 42.7538 by changing the saturation by 10% instead.

105.2500, 11.2158,
42.7538

105.2500, 11.2158,
42.7538

255.0000, 0.0000,
0.0000

79.6520, 11.5106,
41.5242

158.5600, 11.0629,
45.1129

53.8800, 12.3842,
41.3242

185.5710, 11.0575,
46.8572

28.8090, 13.4052,
40.5095

210.0970, 13.2632,
39.3799

19.1250, 7.3334,
27.9544

228.5850, 13.0226,
23.1660

7.6040, 0.6882,
12.6253

245.6080, 4.6303,
8.2368

0.0000, 0.0000,
0.0000

105.2500, 11.2158,
42.7538

105.2500, 11.2158,
42.7538

95.8750, 13.3726,
50.9756

114.6250, 9.0589,
34.5319

85.9130, 15.8189,
59.7123

124.5870, 6.6126,
25.7952

76.5380, 17.9758,
67.9342

133.9620, 4.4557,
17.5733

66.4620, 19.9852,
76.7708

144.0380, 2.4463,
8.7367

57.7880, 22.2895,
84.3779

153.4130, 0.2894,
0.5148

162.7880, -1.8675,
-7.7071

172.7500, -4.3137,
-16.4438

182.1250, -6.4706,

-24.6656

 192.0870, -8.9169,
-33.4023

Harmonies

Analogous

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



106.0210, 25.1326, 12.2596



105.2500, 11.2158, 42.7538



102.7990, -4.8309, 56.3043

Triad

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



105.2500, 11.2158, 42.7538



98.1300, -34.0811, 11.2870



86.6110, 29.7718, -75.9578

Complementary

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



105.2500, 11.2158, 42.7538



124.7500, -11.2157, -42.7537

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.



83.4360, 15.0681, -73.1734



105.2500, 11.2158, 42.7538



94.4020, -23.3692, -17.8926

Square

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



105.2500, 11.2158, 42.7538



100.8540, -31.9730, 35.2080



78.7450, -0.3673, -69.0594



85.4830, 40.6809, -74.9686

Rectangle

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



105.2500, 11.2158, 42.7538



102.0410, -15.3032, 55.2150



78.7450, -0.3673, -69.0594



86.0580, 25.1144, -75.4729

Sweetspot

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



105.2500, 11.2158, 42.7538



182.2500, 4.3137, 16.4438



92.6660, 30.2377, 8.1859



90.7500, 2.5882, 9.8663



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



105.2500, 11.2158, 42.7538



124.7120, 17.3970, 66.9046



100.8040, -5.8194, 46.6529



71.9620, 1.0047, 4.4183



52.5760, 20.4220, 76.6708



4.9130, 2.0149, 7.0923

Inverse Universe

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



105.2500, 11.2158, 42.7538



124.7120, 17.3970, 66.9046



129.1960, 5.8194, -46.6529



71.9620, 1.0047, 4.4183



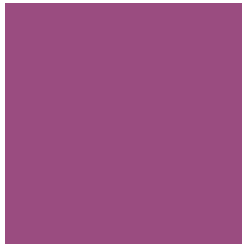
52.5760, 20.4220, 76.6708



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 105.2500, 11.2158, 42.7538 looks on a white background.

Color Contrast Check

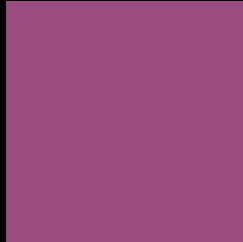
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.2500, 11.2158, 42.7538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

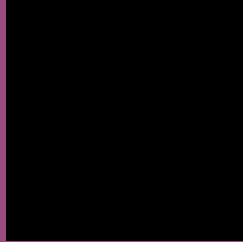
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.2500, 11.2158, 42.7538

Background



This preview shows how black text looks on a background with the YUV color 105.2500, 11.2158, 42.7538.



This preview shows how white text looks on a background with the YUV color 105.2500, 11.2158,

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

105.2500, 11.2158, 42.7538

Protanopia

103.5420, 21.4248, -11.8763

Deuteranopia

104.5190, 9.6041, -0.4552



Tritanopia

104.4180, -7.1081, 39.9754

Trichromacy



Original Color

105.2500, 11.2158, 42.7538

Protanomaly

104.3380, 17.5814, 7.5966

Deuteranomaly

104.7320, 9.9921, 15.1440

Tritanomaly

104.5520, -0.2721, 40.7349

Monochromacy



Original Color

105.2500, 11.2158, 42.7538

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8370, 4.0244, 15.9290

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.2500, 11.2158, 42.7538 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(154, 76, 128)` looks like.

```
.text, #text, p{  
    color:rgb(154, 76, 128)  
}
```

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(154, 76, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 76, 128) }
```

Border

The CSS property to change the border of an element to YUV 105.2500, 11.2158, 42.7538 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(154, 76, 128) }
```


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

```
.border{ border-color:rgb(154, 76, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 76, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 76, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 76, 128);  
box-shadow:4px 4px 4px 4px rgb(154, 76,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 105.2500, 11.2158, 42.7538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 76, 128) }
```

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

```
.background{ background-color: rgb(154, 76,  
128) }
```

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