

Converting Colors

YUV(115.5150, 25.8751, 7.4413)

Have a look what the booklet for
YUV(115.5150, 25.8751, 7.4413)
contains.

YUV(115.5150, 25.8751, 7.4413)	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(115.5150, 25.8751,
7.4413)**

Conversions

Conversions Part 1

Format	Color
Hex	7C65A8
RGB	124, 101, 168
RGB Percent	49%, 40%, 66%
CMY	0.5137, 0.6039, 0.3412
CMYK	0.26, 0.40, 0.00, 0.34
HSL	261°, 28%, 53%
HSV	261°, 40%, 66%
XYZ	20.0337, 16.4196, 39.1592
YIQ	115.5150, -7.7990, 25.7130

Conversions

Conversions Part 2

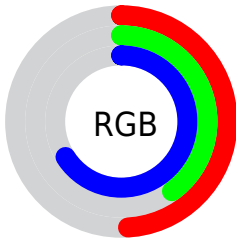
Format	Color
RYB	124, 101, 168
Decimal	8152488
CIELab	47.52, 23.77, -32.71
CIELCh	48, 40.435, 306.002
Yxy	16.4196, 0.2650, 0.2172
Android (android.graphics.Color)	4286342568 (0xFF7C65A8)
YUV	115.5150, 25.8751, 7.4413
Hunter-Lab	40.5211, 17.3389, -28.9325

Details

The YUV color **115.5150, 25.8751, 7.4413** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.4850, -25.8751, -7.4413**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8680, 27.1801, 8.8858**, and **66.7490, 24.2807, 5.4821** is the 20% darker color. If you saturate the color by 10%, you get **102.2470, 32.4162, 9.4304**, and if you desaturate by 10%, it is **128.7830, 19.3340, 5.4523**.

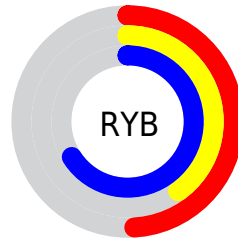
Distribution



Red (49%)

Green (40%)

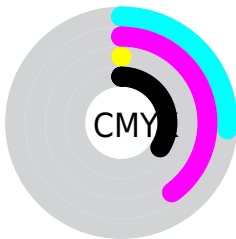
Blue (66%)



Red (49%)

Yellow (40%)

Blue (66%)

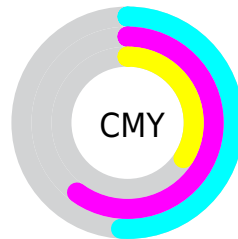


Cyan (26%)

Magenta (40%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (60%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5150, 25.8751, 7.4413 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 115.5150, 25.8751, 7.4413 by changing the saturation by 10% instead.

■ 115.5150, 25.8751,
7.4413

■ 115.5150, 25.8751,
7.4413

■ 255.0000, 0.0000,
0.0000

■ 90.5750, 24.8595,
6.5117

■ 167.8680, 27.1801,
8.8858

■ 66.7490, 24.2807,
5.4821

■ 195.3950, 27.9063,
9.3006

■ 43.5100, 23.4126,
3.9377

■ 220.5450, 16.9863,
11.8000

■ 20.9720, 22.6918,
1.7786

■ 243.2600, 5.7878,
10.2960

■ 5.0160, 19.2191,
-4.3990

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 115.5150, 25.8751,
7.4413

■ 115.5150, 25.8751,
7.4413

■ 102.2470, 32.4162,
9.4304

■ 128.7830, 19.3340,
5.4523

■ 88.9790, 38.9574,
11.4194

■ 142.0510, 12.7929,
3.4633

■ 76.2980, 45.2091,
12.8937

■ 154.7320, 6.5411,
1.9890

■ 63.0300, 51.7502,
14.8827

■ 168.0000, 0.0000,
0.0000

■ 49.7620, 58.2913,
16.8717

■ 181.2680, -6.5411,
-1.9890

■ 36.4940, 64.8325,
18.8608

■ 194.5360,
-13.0822, -3.9781

■ 207.8040,
-19.6234, -5.9671

■ 220.4850,
-25.8751, -7.4413

■ 233.7530,
-32.4162, -9.4304

Harmonies

Analogous

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



106.2750, 36.3464, -37.9522



115.5150, 25.8751, 7.4413



115.5700, 12.5370, 38.9651

Triad

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



115.5150, 25.8751, 7.4413



111.0330, -30.0893, 37.6821



89.8760, 14.3581, -78.8213

Complementary

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



115.5150, 25.8751, 7.4413



153.4850, -25.8751, -7.4413

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.



96.3730, -6.0999, -50.3161



115.5150, 25.8751, 7.4413



108.7930, -32.9289, 15.0905

Square

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



115.5150, 25.8751, 7.4413



112.1070, -18.7868, 52.5262



104.7940, -24.5484, -12.9743



93.0510, 29.0619, -81.6057

Rectangle

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



115.5150, 25.8751, 7.4413



114.3020, 2.3161, 50.6011



104.7940, -24.5484, -12.9743



87.9210, 9.4059, -77.1067

Sweetspot

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



115.5150, 25.8751, 7.4413



198.6550, 10.0301, 2.9336



135.0530, 16.2429, -29.8645



97.6180, 6.1043, 2.0890



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



115.5150, 25.8751, 7.4413



136.7340, 40.5571, 11.6343



125.3820, 21.0107, 27.7290



77.8090, 3.0522, 1.0445



32.1210, 57.1283, 16.5569



4.3730, 7.7041, 2.3039

Inverse Universe

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



126.0490, 9.3428, 36.7910



153.2610, 14.6613, 57.6531



143.6180, -21.0107, -27.7290



78.9620, 1.0047, 4.4183



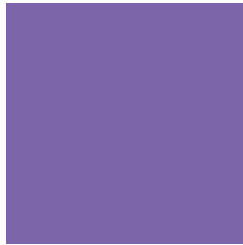
55.3100, 20.5532, 81.2891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 115.5150, 25.8751, 7.4413 looks on a white background.

Color Contrast Check

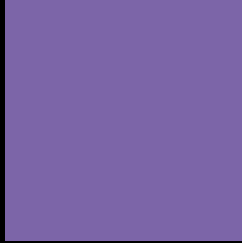
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5150, 25.8751, 7.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

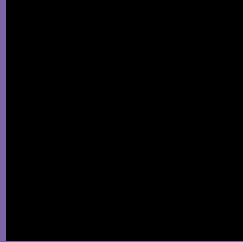
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YUV 115.5150, 25.8751, 7.4413

Background



This preview shows how black text looks on a background with the YUV color 115.5150, 25.8751, 7.4413.



This preview shows how white text looks on a background with the YUV color 115.5150, 25.8751,

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

115.5150, 25.8751, 7.4413

Protanopia

111.8320, 31.6348, -20.0237

Deuteranopia

111.5780, 26.8300, -18.9239



Tritanopia

113.2220, 3.3416, 1.5593

Trichromacy



Original Color

115.5150, 25.8751, 7.4413

Protanomaly

113.0290, 29.5657, -9.6724

Deuteranomaly

112.9320, 26.6555, -9.5874

Tritanomaly

113.7090, 11.4825, 3.7632

Monochromacy



Original Color

115.5150, 25.8751, 7.4413

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5150, 25.8751, 7.4413 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(124, 101, 168)` looks like.

```
.text, #text, p{  
    color:rgb(124, 101, 168)  
}
```

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(124, 101, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 101, 168) }
```

Border

The CSS property to change the border of an element to YUV 115.5150, 25.8751, 7.4413 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(124, 101, 168) }
```


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

```
.border{ border-color:rgb(124, 101, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 101, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 101, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 101, 168);  
box-shadow:4px 4px 4px 4px rgb(124, 101,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 115.5150, 25.8751, 7.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 101, 168) }
```

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

```
.background{ background-color: rgb(124,  
101, 168) }
```

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