

Converting Colors

YUV(103.5210, 6.6451, 15.3291)

Have a look what the booklet for
YUV(103.5210, 6.6451, 15.3291)
contains.

YUV(103.5210, 6.6451, 15.3291)	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(103.5210, 6.6451,
15.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	795C75
RGB	121, 92, 117
RGB Percent	47%, 36%, 46%
CMY	0.5255, 0.6392, 0.5412
CMYK	0.00, 0.24, 0.03, 0.53
HSL	308°, 14%, 42%
HSV	308°, 24%, 47%
XYZ	14.9232, 13.0036, 18.5530
YIQ	103.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

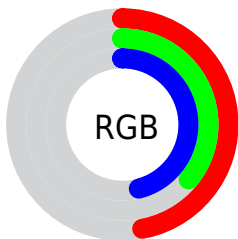
Format	Color
R_{YB}	121, 92, 117
Decimal	7953525
CIE Lab	42.77, 16.43, -9.55
CIE LCh	43, 19.002, 329.818
Yxy	13.0036, 0.3211, 0.2798
Android (android.graphics.Color)	4286143605 (0xFF795C75)
YUV	103.5210, 6.6451, 15.3291
Hunter-Lab	36.0605, 10.7641, -5.2622

Details

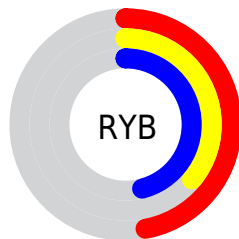
The YUV color **103.5210, 6.6451, 15.3291** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109.4790, -6.6451, -15.3291**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6460, 7.0765, 16.9735**, and **56.3960, 6.2138, 13.6847** is the 20% darker color. If you saturate the color by 10%, you get **96.2490, 9.2442, 21.7066**, and if you desaturate by 10%, it is **110.7930, 4.0461, 8.9515**.

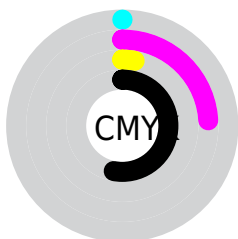
Distribution



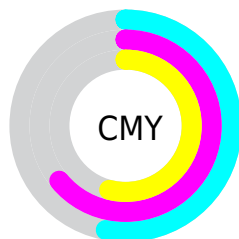
- Red (47%)
- Green (36%)
- Blue (46%)



- Red (47%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5210, 6.6451, 15.3291 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 103.5210, 6.6451, 15.3291 by changing the saturation by 10% instead.

■ 103.5210, 6.6451,
15.3291

■ 103.5210, 6.6451,
15.3291

■ 255.0000, 0.0000,
0.0000

■ 79.1080, 6.3558,
14.8143

■ 154.6460, 7.0765,
16.9735

■ 56.3960, 6.2138,
13.6847

■ 181.6460, 7.0765,
16.9735

■ 33.9830, 5.9244,
13.1699

■ 209.0590, 7.3659,
17.4883

■ 11.9340, 6.9345,
15.8439

■ 236.5750, 8.0975,
16.1587

■ 0.0000, 0.0000,
0.0000

■ 253.8260, 0.5788,
1.0296

103.5210, 6.6451,
15.3291

103.5210, 6.6451,
15.3291

96.2490, 9.2442,
21.7066

110.7930, 4.0461,
8.9515

89.0910, 12.2801,
27.9842

117.9510, 1.0102,
2.6740

81.8190, 14.8792,
34.3617

125.2230, -1.5889,
-3.7036

74.5470, 17.4783,
40.7393

132.4950, -4.1880,
-10.0811

66.8020, 20.8036,
47.5316

140.2400, -7.5133,
-16.8735

59.5300, 23.4027,
53.9092

147.5120,
-10.1124, -23.2510

52.2580, 26.0018,
60.2867


154.7840,
-12.7115, -29.6286

48.0350, 27.5907,

161.9420,

63.9903

-15.7474, -35.9061

 169.2140,
-18.3465, -42.2837

Harmonies

Analogous

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



102.3280, 12.6563, 0.5893



103.5210, 6.6451, 15.3291



103.0400, -0.5127, 24.5209

Triad

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



103.5210, 6.6451, 15.3291



100.1680, -14.8728, 10.3767



93.0540, 11.3124, -35.1274

Complementary

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



103.5210, 6.6451, 15.3291



109.4790, -6.6451, -15.3291

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.



94.2090, 2.8550, -29.1243



103.5210, 6.6451, 15.3291



98.6610, -12.6509, -2.3337

Square

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



103.5210, 6.6451, 15.3291



101.5760, -13.5950, 20.5428



96.4080, -5.6241, -16.1438



95.6400, 15.9535, -30.3793

Rectangle

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



103.5210, 6.6451, 15.3291



102.9710, -5.9017, 26.3354



96.4080, -5.6241, -16.1438



93.3700, 8.6916, -34.5275

Sweetspot

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



103.5210, 6.6451, 15.3291



151.4290, 2.7465, 5.7628



96.5020, 12.0775, -0.4403



75.3640, 1.2995, 3.1888



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



103.5210, 6.6451, 15.3291



130.3140, 10.6912, 24.2806



101.9250, 0.5300, 16.7288



57.3640, 1.2995, 3.1888



49.6870, 28.7483, 66.0495



100.2000, 58.0754, 133.1286

Inverse Universe

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



103.5210, 6.6451, 15.3291



130.3140, 10.6912, 24.2806



111.0750, -0.5300, -16.7288



57.3640, 1.2995, 3.1888



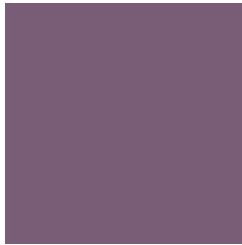
49.6870, 28.7483, 66.0495



100.2000, 58.0754, 133.1286

Previews

White Background



This preview shows how the YUV color 103.5210, 6.6451, 15.3291 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 103.5210, 6.6451, 15.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

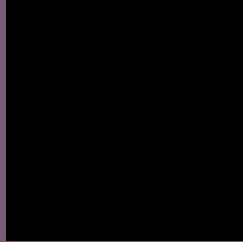
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.5210, 6.6451, 15.3291

Background



This preview shows how black text looks on a background with the YUV color 103.5210, 6.6451, 15.3291.



This preview shows how white text looks on a background with the YUV color 103.5210, 6.6451,

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

103.5210, 6.6451, 15.3291

Protanopia

101.4260, 10.6360, -4.7586

Deuteranopia

102.4330, 6.6885, 1.3743



Tritanopia

102.9740, -0.4802, 14.0548

Trichromacy



Original Color

103.5210, 6.6451, 15.3291

Protanomaly

102.1280, 9.3039, 2.5187

Deuteranomaly

102.4660, 6.6723, 6.6073

Tritanomaly

103.2560, 1.8458, 14.6845

Monochromacy



Original Color

103.5210, 6.6451, 15.3291

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0160, 2.4571, 5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5210, 6.6451, 15.3291 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(121, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(121, 92, 117)  
}
```

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(121, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 92, 117) }
```

Border

The CSS property to change the border of an element to YUV 103.5210, 6.6451, 15.3291 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(121, 92, 117) }
```


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

```
.border{ border-color:rgb(121, 92, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(121, 92,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 103.5210, 6.6451, 15.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 92, 117) }
```

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

```
.background{ background-color: rgb(121, 92,  
117) }
```

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