

Converting Colors

YUV(103.9500, 5.9406, 7.9368)

Have a look what the booklet for
YUV(103.9500, 5.9406, 7.9368)
contains.

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Color

**YUV(103.9500, 5.9406,
7.9368)**

Conversions

Conversions Part 1

Format	Color
Hex	716174
RGB	113, 97, 116
RGB Percent	44%, 38%, 45%
CMY	0.5569, 0.6196, 0.5451
CMYK	0.03, 0.16, 0.00, 0.55
HSL	291°, 9%, 42%
HSV	291°, 16%, 45%
XYZ	14.2371, 13.3211, 18.3438
YIQ	103.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

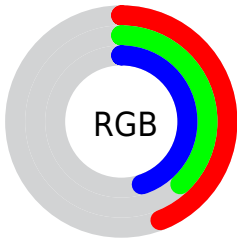
Format	Color
R_{YB}	113, 97, 116
Decimal	7430516
CIE Lab	43.24, 10.18, -8.32
CIE LCh	43, 13.148, 320.758
Yxy	13.3211, 0.3102, 0.2902
Android (android.graphics.Color)	4285620596 (0xFF716174)
YUV	103.9500, 5.9406, 7.9368
Hunter-Lab	36.4980, 5.7577, -4.2504

Details

The YUV color **103.9500, 5.9406, 7.9368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.0500, -5.9406, -7.9368**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3630, 6.2300, 8.4516**, and **57.1240, 5.3619, 6.9073** is the 20% darker color. If you saturate the color by 10%, you get **96.3080, 9.7082, 12.8849**, and if you desaturate by 10%, it is **111.5920, 2.1731, 2.9888**.

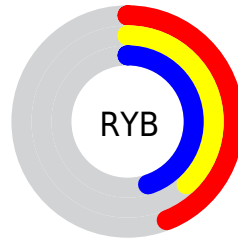
Distribution



Red (44%)

Green (38%)

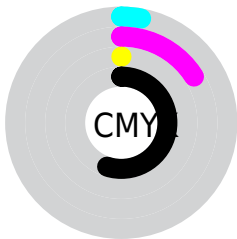
Blue (45%)



Red (44%)

Yellow (38%)

Blue (45%)

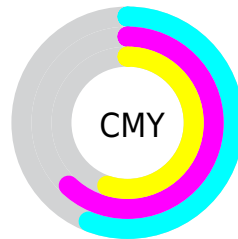


Cyan (3%)

Magenta (16%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9500, 5.9406, 7.9368 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 103.9500, 5.9406, 7.9368 by changing the saturation by 10% instead.

■ 103.9500, 5.9406,
7.9368

■ 103.9500, 5.9406,
7.9368

■ 255.0000, 0.0000,
0.0000

■ 79.5370, 5.6513,
7.4221

■ 155.3630, 6.2300,
8.4516

■ 57.1240, 5.3619,
6.9073

■ 181.7760, 6.5194,
8.9664

■ 35.1240, 5.3619,
6.9073

■ 209.7760, 6.5194,
8.9664

■ 12.6620, 6.0826,
9.0664

■ 238.1890, 6.8088,
9.4812

■ 0.0000, 0.0000,
0.0000

■ 103.9500, 5.9406,

■ 103.9500, 5.9406,

7.9368

7.9368

■ 96.3080, 9.7082,
12.8849

■ 111.5920, 2.1731,
2.9888

■ 89.2530, 13.1863,
17.3181

■ 118.6470, -1.3050,
-1.4444

■ 81.9100, 16.8064,
22.8809

■ 125.9900, -4.9251,
-7.0072

■ 74.8550, 20.2845,
27.3142

■ 133.0450, -8.4032,
-11.4405

■ 67.2130, 24.0520,
32.2622

■ 140.6870,
-12.1707, -16.3885

■ 59.5710, 27.8195,
37.2102

■ 148.3290,
-15.9382, -21.3365

■ 52.5160, 31.2976,
41.6435

■ 155.3840,
-19.4163, -25.7698

■ 44.8740, 35.0651,
46.5915

■ 163.0260,
-23.1838, -30.7178

■ 42.5260, 36.2227,
48.6507

■ 169.7820,
-26.5145, -35.7658

Harmonies

Analogous

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



103.0950, 9.3202, -2.7143



103.9500, 5.9406, 7.9368



104.3270, 0.8248, 15.4992

Triad

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



103.9500, 5.9406, 7.9368



102.0200, -10.3629, 10.5065



97.6490, 5.5960, -21.6172

Complementary

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



103.9500, 5.9406, 7.9368



109.0500, -5.9406, -7.9368

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.



98.1890, -0.0932, -16.8288



103.9500, 5.9406, 7.9368



101.1930, -9.4621, 1.5847

Square

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



103.9500, 5.9406, 7.9368



103.2210, -8.4900, 16.4692



99.7510, -5.7932, -8.5516



98.8000, 9.9586, -20.8726

Rectangle

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



103.9500, 5.9406, 7.9368



104.4260, -2.6750, 18.0434



99.7510, -5.7932, -8.5516



97.6060, 4.1382, -20.7025

Sweetspot

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



103.9500, 5.9406, 7.9368



145.5920, 2.1731, 2.9888



100.9270, 7.4310, -3.4440



73.7660, 1.5944, 1.9592



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



103.9500, 5.9406, 7.9368



131.1940, 9.2714, 12.9849



104.1630, 2.8776, 10.3810



55.1790, 1.8838, 2.4740



44.7050, 38.1064, 51.1247



91.2900, 78.2440, 104.1087

Inverse Universe

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



103.0230, -1.4903, 11.3808



129.5400, -2.2382, 17.9434



108.8370, -2.8776, -10.3810



54.9080, -0.4476, 3.5887



38.6440, -9.6845, 73.1032



79.1960, -19.8166, 149.7951

Previews

White Background



This preview shows how the YUV color 103.9500, 5.9406, 7.9368 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 103.9500, 5.9406, 7.9368 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 103.9500, 5.9406, 7.9368

Background



This preview shows how black text looks on a background with the YUV color 103.9500, 5.9406, 7.9368.



This preview shows how white text looks on a background with the YUV color 103.9500, 5.9406,

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

103.9500, 5.9406, 7.9368

Protanopia

102.4540, 8.1572, -3.0292

Deuteranopia

103.5040, 5.6675, 2.1890



Tritanopia

103.6850, 1.1413, 7.2923

Trichromacy



Original Color

103.9500, 5.9406, 7.9368

Protanomaly

103.2480, 7.2727, 0.6595

Deuteranomaly

103.8140, 5.5147, 4.5481

Tritanomaly

103.5540, 3.1779, 7.4071

Monochromacy



Original Color

103.9500, 5.9406, 7.9368

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.5920, 2.1731, 2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9500, 5.9406, 7.9368 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(113, 97, 116)` looks like.

```
.text, #text, p{  
    color:rgb(113, 97, 116)  
}
```

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(113, 97, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 97, 116) }
```

Border

The CSS property to change the border of an element to YUV 103.9500, 5.9406, 7.9368 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(113, 97, 116) }
```


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

```
.border{ border-color:rgb(113, 97, 116) }
```

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

Here you see how a box with a 4 pixel rgb(113, 97, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 97, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 97, 116);  
box-shadow:4px 4px 4px 4px rgb(113, 97,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 103.9500, 5.9406, 7.9368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 97, 116) }
```

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

```
.background{ background-color: rgb(113, 97,  
116) }
```

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](#).

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