

Converting Colors

YUV(101.9590, 12.3452, 7.0520)

Have a look what the booklet for
YUV(101.9590, 12.3452, 7.0520)
contains.

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Color

**YUV(101.9590, 12.3452,
7.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5D7F
RGB	110, 93, 127
RGB Percent	43%, 36%, 50%
CMY	0.5686, 0.6353, 0.5020
CMYK	0.13, 0.27, 0.00, 0.50
HSL	270°, 15%, 43%
HSV	270°, 27%, 50%
XYZ	14.1755, 12.6760, 21.7783
YIQ	101.9590, -0.7820, 14.1780

Conversions

Conversions Part 2

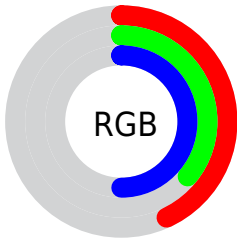
Format	Color
R_{YB}	110, 93, 127
Decimal	7232895
CIE _{Lab}	42.27, 13.99, -16.50
CIE _{LCh}	42, 21.630, 310.299
Yxy	12.6760, 0.2915, 0.2607
Android (android.graphics.Color)	4285422975 (0xFF6E5D7F)
YUV	101.9590, 12.3452, 7.0520
Hunter-Lab	35.6034, 8.7641, -11.3448

Details

The YUV color **101.9590, 12.3452, 7.0520** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118.0410, -12.3452, -7.0520**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8990, 13.3608, 7.9816**, and **55.0190, 11.3296, 6.1223** is the 20% darker color. If you saturate the color by 10%, you get **92.5340, 16.9917, 10.0557**, and if you desaturate by 10%, it is **111.3840, 7.6987, 4.0482**.

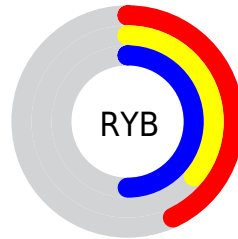
Distribution



Red (43%)

Green (36%)

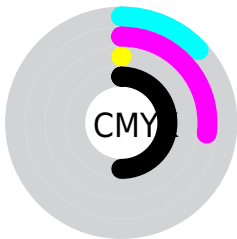
Blue (50%)



Red (43%)

Yellow (36%)

Blue (50%)

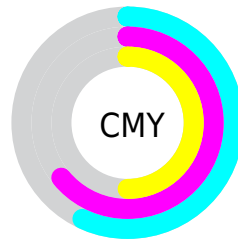


Cyan (13%)

Magenta (27%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (64%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.9590, 12.3452, 7.0520 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 101.9590, 12.3452, 7.0520 by changing the saturation by 10% instead.

101.9590, 12.3452,
7.0520

101.9590, 12.3452,
7.0520

255.0000, 0.0000,
0.0000

77.5460, 12.0558,
6.5372

152.8990, 13.3608,
7.9816

55.0190, 11.3296,
6.1223

179.8990, 13.3608,
7.9816

33.1930, 10.7509,
5.0927

207.4260, 14.0870,
8.3964

10.1550, 11.7556,
9.5111

234.6990, 10.0084,
9.9110

0.9120, 3.4944,
-0.7998

254.4130, 0.2894,
0.5148

0.0000, 0.0000,
0.0000

101.9590, 12.3452,
7.0520

101.9590, 12.3452,
7.0520

92.5340, 16.9917,
10.0557

111.3840, 7.6987,
4.0482

83.3970, 21.4963,
11.9298

120.5210, 3.1941,
2.1741

73.9720, 26.1428,
14.9336

129.9460, -1.4524,
-0.8296

64.5470, 30.7893,
17.9373

139.3710, -6.0989,
-3.8334

55.4100, 35.2939,
19.8114

149.0950,
-10.8928, -6.2223

45.9850, 39.9404,
22.8152

157.9330,
-15.2500, -8.7112

36.5600, 44.5869,
25.8189


167.3580,
-19.8965, -11.7150

33.6140, 46.0393,

177.0820,

26.6485

-24.6904, -14.1039

 185.9200,
-29.0476, -16.5928

Harmonies

Analogous

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



98.9180, 17.7884, -12.2061



101.9590, 12.3452, 7.0520



102.3970, 4.7343, 21.5768

Triad

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



101.9590, 12.3452, 7.0520



99.8810, -16.2103, 19.3984



90.2940, 7.2501, -38.8458

Complementary

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



101.9590, 12.3452, 7.0520



118.0410, -12.3452, -7.0520

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.



93.3360, -3.1236, -24.8507



101.9590, 12.3452, 7.0520



98.2770, -16.8986, 6.7731

Square

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



101.9590, 12.3452, 7.0520



100.9020, -11.2907, 28.1499



96.1440, -11.9030, -8.8963



89.5630, 15.9914, -42.5898

Rectangle

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



101.9590, 12.3452, 7.0520



101.9480, -0.9604, 28.1096



96.1440, -11.9030, -8.8963



91.4040, 3.7448, -34.5573

Sweetspot

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



101.9590, 12.3452, 7.0520



155.6890, 5.0833, 2.9037



106.8550, 9.9315, -12.1508



78.1080, 2.9048, 1.6593



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



101.9590, 12.3452, 7.0520



126.8160, 19.3177, 10.6854



107.0420, 9.8393, 17.5032



58.9940, 2.4680, 1.7593



33.7280, 46.4761, 26.5485



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.1040, 2.4137, 19.2028



131.8110, 3.5442, 29.9838



112.9580, -9.8393, -17.5032



59.5490, 0.7153, 3.9035



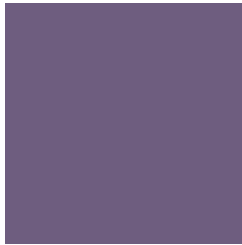
45.5680, 9.0870, 72.2929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 101.9590, 12.3452, 7.0520 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 101.9590, 12.3452, 7.0520 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 101.9590, 12.3452, 7.0520

Background



This preview shows how black text looks on a background with the YUV color 101.9590, 12.3452, 7.0520.



This preview shows how white text looks on a background with the YUV color 101.9590, 12.3452, 7.0520.

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

101.9590, 12.3452, 7.0520

Protanopia

100.2560, 15.1568, -8.1175

Deuteranopia

100.5940, 12.5252, -4.0289



Tritanopia

100.6030, 2.1677, 4.7332

Trichromacy



Original Color

101.9590, 12.3452, 7.0520

Protanomaly

101.0610, 14.2669, -2.6845

Deuteranomaly

100.9150, 12.3669, 0.0745

Tritanomaly

101.2270, 5.8041, 5.0629

Monochromacy



Original Color

101.9590, 12.3452, 7.0520

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1620, 4.3571, 2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9590, 12.3452, 7.0520 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(110, 93, 127)` looks like.

```
.text, #text, p{  
    color:rgb(110, 93, 127)  
}
```

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(110, 93, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 93, 127) }
```

Border

The CSS property to change the border of an element to YUV 101.9590, 12.3452, 7.0520 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(110, 93, 127) }
```


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

```
.border{ border-color:rgb(110, 93, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 93, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 93, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 93, 127); box-shadow:4px 4px 4px 4px rgb(110, 93, 127) }
```

Background

The CSS property to change the background color of an element to YUV 101.9590, 12.3452, 7.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 93, 127) }
```

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

```
.background{ background-color: rgb(110, 93,  
127) }
```

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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