

Converting Colors

YUV(100.1660, 11.7502,
11.2554)

Have a look what the booklet for
YUV(100.1660, 11.7502, 11.2554)
contains.

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Color

**YUV(100.1660, 11.7502,
11.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	71597C
RGB	113, 89, 124
RGB Percent	44%, 35%, 49%
CMY	0.5569, 0.6510, 0.5137
CMYK	0.09, 0.28, 0.00, 0.51
HSL	281°, 16%, 42%
HSV	281°, 28%, 49%
XYZ	14.0205, 12.1107, 20.6674
YIQ	100.1660, 3.0690, 15.9730

Conversions

Conversions Part 2

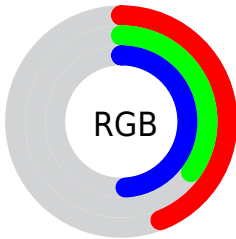
Format	Color
RYB	113, 89, 124
Decimal	7428476
CIELab	41.39, 16.81, -15.99
CIELCh	41, 23.200, 316.433
Yxy	12.1107, 0.2996, 0.2588
Android (android.graphics.Color)	4285618556 (0xFF71597C)
YUV	100.1660, 11.7502, 11.2554
Hunter-Lab	34.8004, 11.0139, -10.8511

Details

The YUV color **100.1660, 11.7502, 11.2554** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **112.8340, -11.7502, -11.2554**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1060, 12.7657, 12.1850**, and **53.2260, 10.7346, 10.3258** is the 20% darker color. If you saturate the color by 10%, you get **91.9260, 15.8125, 14.9739**, and if you desaturate by 10%, it is **108.4060, 7.6878, 7.5369**.

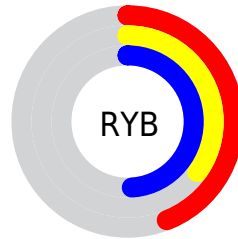
Distribution



Red (44%)

Green (35%)

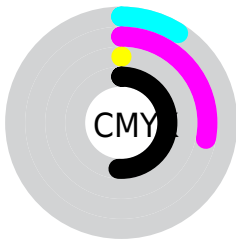
Blue (49%)



Red (44%)

Yellow (35%)

Blue (49%)

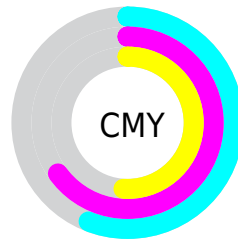


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (51%)



Cyan (56%)

Magenta (65%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.1660, 11.7502, 11.2554 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 100.1660, 11.7502, 11.2554 by changing the saturation by 10% instead.

100.1660, 11.7502,
11.2554

100.1660, 11.7502,
11.2554

255.0000, 0.0000,
0.0000

75.7530, 11.4608,
10.7406

151.1060, 12.7657,
12.1850

53.2260, 10.7346,
10.3258

178.1060, 12.7657,
12.1850

31.4000, 10.1558,
9.2962

205.5190, 13.0551,
12.6998

10.7100, 10.0030,
11.6553

233.2480, 10.7237,
13.8145

0.3420, 1.3104,
-0.2999

251.4780, 1.7363,
3.0888

0.0000, 0.0000,
0.0000

■ 100.1660, 11.7502,
11.2554

■ 100.1660, 11.7502,
11.2554

■ 91.9260, 15.8125,
14.9739

■ 108.4060, 7.6878,
7.5369

■ 83.0990, 20.1642,
19.2072

■ 117.2330, 3.3361,
3.3037

■ 74.8590, 24.2265,
22.9257

■ 125.4730, -0.7262,
-0.4148

■ 66.0320, 28.5782,
27.1589

■ 134.3000, -5.0779,
-4.6481

■ 58.0910, 32.4931,
31.4922

■ 142.2410, -8.9928,
-8.9814

■ 49.8510, 36.5555,
35.2107

■ 150.4810,
-13.0551, -12.6998

■ 41.0240, 40.9072,
39.4440


■ 159.3080,
-17.4068, -16.9331

■ 39.5510, 41.6334,

■ 167.5480,

39.8588

-21.4692, -20.6516

 176.3750,
-25.8209, -24.8849

Harmonies

Analogous

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



97.9400, 17.7776, -8.7174



100.1660, 11.7502, 11.2554



100.0770, 3.4130, 25.3655

Triad

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



100.1660, 11.7502, 11.2554



96.8270, -17.6627, 18.5687



85.5750, 11.0555, -46.1083

Complementary

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



100.1660, 11.7502, 11.2554



112.8340, -11.7502, -11.2554

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.



89.2860, -0.6340, -30.0688



100.1660, 11.7502, 11.2554



95.5540, -17.0351, 3.8991

Square

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



100.1660, 11.7502, 11.2554



98.3320, -13.4747, 28.6498



93.0510, -10.8711, -13.1997



85.7410, 19.3547, -48.0079

Rectangle

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



100.1660, 11.7502, 11.2554



99.8020, -2.8604, 30.8686



93.0510, -10.8711, -13.1997



86.8700, 6.9661, -41.1050

Sweetspot

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



100.1660, 11.7502, 11.2554



152.1730, 4.3517, 4.2333



99.4470, 12.1046, -9.1620



75.8200, 3.0467, 2.7889



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



100.1660, 11.7502, 11.2554



123.3330, 18.5698, 17.2480



102.7710, 7.5079, 18.6178



56.8800, 2.0312, 1.8592



39.9640, 41.9227, 40.3736



80.4550, 84.5717, 81.1620

Inverse Universe

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



100.7190, -0.3545, 20.4174



124.3830, -0.6818, 32.1131



110.2290, -7.5079, -18.6178



57.0220, -0.0108, 3.4887



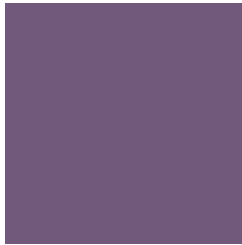
41.8210, -1.3908, 72.9480



84.3540, -2.6395, 147.0255

Previews

White Background



This preview shows how the YUV color 100.1660, 11.7502, 11.2554 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 100.1660, 11.7502, 11.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

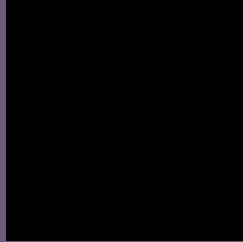
Any Text WCAG AA × Fail

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 100.1660, 11.7502, 11.2554 Background



This preview shows how black text looks on a background with the YUV color 100.1660, 11.7502, 11.2554.



This preview shows how white text looks on a background with the YUV color 100.1660, 11.7502,

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

100.1660, 11.7502, 11.2554

Protanopia

98.3700, 15.5936, -8.2175

Deuteranopia

98.4800, 12.0884, -3.9290



Tritanopia

98.6960, 1.1359, 9.0366

Trichromacy



Original Color

100.1660, 11.7502, 11.2554

Protanomaly

99.0720, 14.2615, -0.9401

Deuteranomaly

98.8120, 11.9247, 1.9189

Tritanomaly

99.3200, 4.7722, 9.3664

Monochromacy



Original Color

100.1660, 11.7502, 11.2554

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1730, 4.3517, 4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1660, 11.7502, 11.2554 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, 89, 124)` looks like.

```
.text, #text, p{  
    color:rgb(113, 89, 124)  
}
```

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, 89, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 89, 124) }
```

Border

The CSS property to change the border of an element to YUV 100.1660, 11.7502, 11.2554 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, 89, 124) }
```


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

```
.border{ border-color:rgb(113, 89, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 89, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 89, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 89, 124);  
box-shadow:4px 4px 4px 4px rgb(113, 89,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 100.1660, 11.7502, 11.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 89, 124) }
```

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

```
.background{ background-color: rgb(113, 89,  
124) }
```

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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