

Converting Colors

YUV(112.3570, 8.6980, 10.2109)

Have a look what the booklet for
YUV(112.3570, 8.6980, 10.2109)
contains.

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Color

**YUV(112.3570, 8.6980,
10.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6782
RGB	124, 103, 130
RGB Percent	49%, 40%, 51%
CMY	0.5137, 0.5961, 0.4902
CMYK	0.05, 0.21, 0.00, 0.49
HSL	287°, 12%, 46%
HSV	287°, 21%, 51%
XYZ	17.1917, 15.5973, 23.2236
YIQ	112.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

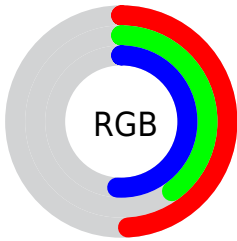
Format	Color
R_{YB}	124, 103, 130
Decimal	8152962
CIE _{Lab}	46.44, 13.62, -11.84
CIE _{LCh}	46, 18.048, 319.010
Yxy	15.5973, 0.3069, 0.2785
Android (android.graphics.Color)	4286343042 (0xFF7C6782)
YUV	112.3570, 8.6980, 10.2109
Hunter-Lab	39.4934, 8.5886, -7.2193

Details

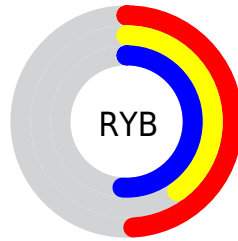
The YUV color **112.3570, 8.6980, 10.2109** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.6430, -8.6980, -10.2109**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1830, 9.2768, 11.2405**, and **64.5310, 8.1192, 9.1813** is the 20% darker color. If you saturate the color by 10%, you get **103.8290, 12.9023, 15.0590**, and if you desaturate by 10%, it is **120.8850, 4.4937, 5.3629**.

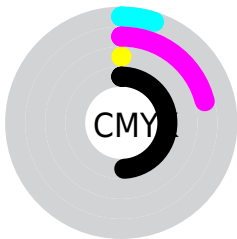
Distribution



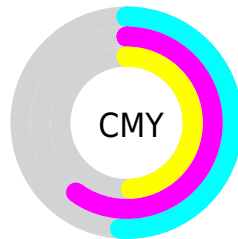
- Red (49%)
- Green (40%)
- Blue (51%)



- Red (49%)
- Yellow (40%)
- Blue (51%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3570, 8.6980, 10.2109 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 112.3570, 8.6980, 10.2109 by changing the saturation by 10% instead.

■ 112.3570, 8.6980,
10.2109

■ 112.3570, 8.6980,
10.2109

■ 255.0000, 0.0000,
0.0000

■ 87.9440, 8.4086,
9.6961

■ 164.1830, 9.2768,
11.2405

■ 64.5310, 8.1192,
9.1813

■ 191.2970, 9.7136,
11.1405

■ 42.1180, 7.8298,
8.6665

■ 219.2970, 9.7136,
11.1405

■ 21.0040, 7.3930,
8.7665

■ 244.4340, 5.2090,
9.2664

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 112.3570, 8.6980,
10.2109

■ 112.3570, 8.6980,
10.2109

■ 103.8290, 12.9023,
15.0590

■ 120.8850, 4.4937,
5.3629

■ 95.3010, 17.1066,
19.9070

■ 129.4130, 0.2894,
0.5148

■ 86.7730, 21.3109,
24.7551

■ 137.9410, -3.9149,
-4.3333

■ 78.2450, 25.5152,
29.6031

■ 146.4690, -8.1192,
-9.1813

■ 70.0160, 29.5721,
35.0660

■ 154.6980,
-12.1761, -14.6441

■ 61.4880, 33.7764,
39.9140

■ 163.2260,
-16.3804, -19.4922

■ 52.9600, 37.9807,
44.7621


■ 171.7540,
-20.5847, -24.3403

■ 45.0190, 41.8956,

■ 180.2820,

49.0953

-24.7890, -29.1883

 188.8100,
-28.9933, -34.0364

Harmonies

Analogous

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



110.5230, 13.5462, -4.8437



112.3570, 8.6980, 10.2109



112.8870, 1.5347, 21.1471

Triad

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



112.3570, 8.6980, 10.2109



109.7170, -14.1575, 14.2802



103.4520, 7.6652, -31.9684

Complementary

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



112.3570, 8.6980, 10.2109



120.6430, -8.6980, -10.2109

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.



104.1450, -0.0715, -23.8062



112.3570, 8.6980, 10.2109



108.1670, -13.3933, 2.4845

Square

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



112.3570, 8.6980, 10.2109



110.8690, -11.2744, 22.9169



106.4580, -8.1138, -10.9257



104.3580, 13.6275, -31.0090

Rectangle

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



112.3570, 8.6980, 10.2109



112.3560, -3.1335, 25.1208



106.4580, -8.1138, -10.9257



103.4800, 5.1864, -30.2390

Sweetspot

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



112.3570, 8.6980, 10.2109



161.5320, 3.1887, 3.9184



109.6000, 10.0572, -5.7882



80.1790, 1.8838, 2.4740



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.



112.3570, 8.6980, 10.2109



140.6550, 13.4811, 16.0886



113.3530, 4.7560, 14.5994



59.2930, 2.3206, 2.3740



44.1930, 41.3169, 48.0657



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.7570, -1.3592, 15.9991



139.6980, -1.8231, 24.8209



119.6470, -4.7560, -14.5994



59.3210, -0.1583, 4.1035



41.4640, -6.6378, 75.8921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.3570, 8.6980, 10.2109 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 112.3570, 8.6980, 10.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

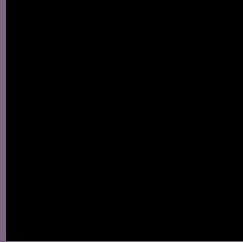
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.3570, 8.6980, 10.2109

Background



This preview shows how black text looks on a background with the YUV color 112.3570, 8.6980, 10.2109.



This preview shows how white text looks on a background with the YUV color 112.3570, 8.6980,

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

112.3570, 8.6980, 10.2109

Protanopia

110.6540, 11.5096, -4.9586

Deuteranopia

111.5900, 8.5831, 0.3596



Tritanopia

111.6960, 1.1359, 9.0366

Trichromacy



Original Color

112.3570, 8.6980, 10.2109

Protanomaly

111.4590, 10.6197, 0.4745

Deuteranomaly

111.6120, 8.5723, 3.8483

Tritanomaly

112.0920, 3.8986, 9.5663

Monochromacy



Original Color

112.3570, 8.6980, 10.2109

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2330, 3.3361, 3.3037

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3570, 8.6980, 10.2109 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, 103, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 103, 130)  
}
```

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, 103, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 103, 130) }
```

Border

The CSS property to change the border of an element to YUV 112.3570, 8.6980, 10.2109 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, 103, 130) }
```


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

```
.border{ border-color:rgb(124, 103, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 103, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 103, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 103, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 103,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 112.3570, 8.6980, 10.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 103, 130) }
```

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

```
.background{ background-color: rgb(124,  
103, 130) }
```

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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