

Converting Colors

YUV(100.5640, 8.1029, 14.4144)

Have a look what the booklet for
YUV(100.5640, 8.1029, 14.4144)
contains.

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Color

**YUV(100.5640, 8.1029,
14.4144)**

Conversions

Conversions Part 1

Format	Color
Hex	755975
RGB	117, 89, 117
RGB Percent	46%, 35%, 46%
CMY	0.5412, 0.6510, 0.5412
CMYK	0.00, 0.24, 0.00, 0.54
HSL	300°, 14%, 40%
HSV	300°, 24%, 46%
XYZ	14.1194, 12.2110, 18.4424
YIQ	100.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

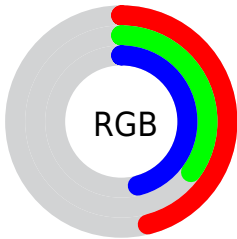
Format	Color
R_{YB}	117, 89, 117
Decimal	7690613
CIE _{Lab}	41.55, 16.75, -11.43
CIE _{LCh}	42, 20.279, 325.678
Yxy	12.2110, 0.3154, 0.2727
Android (android.graphics.Color)	4285880693 (0xFF755975)
YUV	100.5640, 8.1029, 14.4144
Hunter-Lab	34.9443, 10.9712, -6.8303

Details

The YUV color **100.5640, 8.1029, 14.4144** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105.4360, -8.1029, -14.4144**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3900, 8.6817, 15.4440**, and **53.4390, 7.6716, 12.7700** is the 20% darker color. If you saturate the color by 10%, you get **93.5200, 11.5756, 20.5920**, and if you desaturate by 10%, it is **107.6080, 4.6303, 8.2368**.

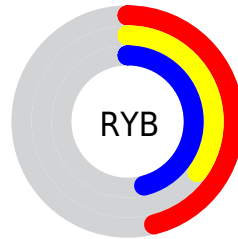
Distribution



Red (46%)

Green (35%)

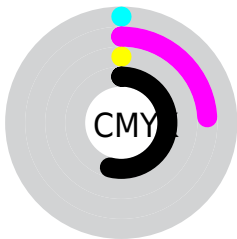
Blue (46%)



Red (46%)

Yellow (35%)

Blue (46%)

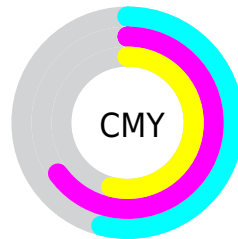


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (54%)



Cyan (54%)

Magenta (65%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5640, 8.1029, 14.4144 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 100.5640, 8.1029, 14.4144 by changing the saturation by 10% instead.

100.5640, 8.1029,
14.4144

100.5640, 8.1029,
14.4144

255.0000, 0.0000,
0.0000

76.1510, 7.8136,
13.8996

151.3900, 8.6817,
15.4440

53.4390, 7.6716,
12.7700

178.6890, 8.5343,
16.0587

31.9120, 6.9454,
12.3552

206.1020, 8.8237,
16.5735

11.0370, 7.3768,
13.9996

234.5150, 9.1131,
17.0883

0.0000, 0.0000,
0.0000

251.4780, 1.7363,
3.0888

■ 100.5640, 8.1029,
14.4144

■ 100.5640, 8.1029,
14.4144

■ 93.5200, 11.5756,
20.5920

■ 107.6080, 4.6303,
8.2368

■ 87.0630, 14.7589,
26.2547

■ 114.0650, 1.4470,
2.5740

■ 80.0190, 18.2316,
32.4323

■ 121.1090, -2.0257,
-3.6036

■ 72.9750, 21.7043,
38.6099

■ 128.1530, -5.4984,
-9.7812

■ 65.9310, 25.1770,
44.7875

■ 134.6100, -8.6817,
-15.4440

■ 59.4740, 28.3603,
50.4503

■ 141.6540,
-12.1544, -21.6216

■ 52.4300, 31.8330,
56.6279


■ 148.6980,
-15.6271, -27.7991

■ 48.3210, 33.8587,

■ 155.7420,

60.2315

-19.0998, -33.9767

 162.1990,
-22.2831, -39.6395

Harmonies

Analogous

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



99.3600, 14.1195, -2.0697



100.5640, 8.1029, 14.4144



100.5670, 0.2135, 24.9357

Triad

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



100.5640, 8.1029, 14.4144



97.2500, -15.8993, 12.9358



89.0320, 11.3232, -38.6161

Complementary

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



100.5640, 8.1029, 14.4144



105.4360, -8.1029, -14.4144

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.



90.6820, 2.1288, -29.5391



100.5640, 8.1029, 14.4144



95.4440, -13.5299, -0.3894

Square

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



100.5640, 8.1029, 14.4144



98.8860, -13.7478, 22.9020



93.3650, -7.0819, -15.2291



91.1340, 16.6959, -35.1975

Rectangle

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



100.5640, 8.1029, 14.4144



99.9110, -4.8861, 27.2651



93.3650, -7.0819, -15.2291



88.9460, 8.4076, -36.7866

Sweetspot

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



100.5640, 8.1029, 14.4144



146.5430, 3.1833, 5.6628



92.1920, 12.2303, -2.7994



72.8910, 2.0257, 3.6036



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.



100.5640, 8.1029, 14.4144



127.1720, 12.7332, 22.6512



98.9680, 1.9878, 15.8141



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Inverse Universe

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



100.5640, 8.1029, 14.4144



127.1720, 12.7332, 22.6512



107.0320, -1.9878, -15.8141



55.4780, 1.7363, 3.0888



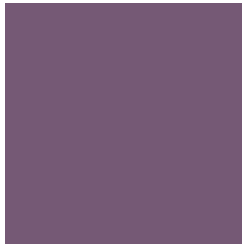
50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 100.5640, 8.1029, 14.4144 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 100.5640, 8.1029, 14.4144 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 100.5640, 8.1029, 14.4144

Background



This preview shows how black text looks on a background with the YUV color 100.5640, 8.1029, 14.4144.



This preview shows how white text looks on a background with the YUV color 100.5640, 8.1029,

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

100.5640, 8.1029, 14.4144

Protanopia

98.4690, 12.0938, -5.6733

Deuteranopia

99.1770, 8.2937, -0.1552



Tritanopia

99.6750, -0.3328, 13.4400

Trichromacy



Original Color

100.5640, 8.1029, 14.4144

Protanomaly

99.1710, 10.7617, 1.6040

Deuteranomaly

99.5090, 8.1301, 5.6926

Tritanomaly

100.1850, 2.8668, 13.8698

Monochromacy



Original Color

100.5640, 8.1029, 14.4144

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5640, 8.1029, 14.4144 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(117, 89, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 89, 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(117, 89, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 89, 117) }
```

Border

The CSS property to change the border of an element to YUV 100.5640, 8.1029, 14.4144 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(117, 89, 117) }
```


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

```
.border{ border-color:rgb(117, 89, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 89, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 89, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 89, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 89,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 100.5640, 8.1029, 14.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 89, 117) }
```

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

```
.background{ background-color: rgb(117, 89,  
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](#).

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