

Converting Colors

YUV(113.8720, 14.3601,
14.1443)

Have a look what the booklet for
YUV(113.8720, 14.3601, 14.1443)
contains.

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Color

**YUV(113.8720, 14.3601,
14.1443)**

Conversions

Conversions Part 1

Format	Color
Hex	82648F
RGB	130, 100, 143
RGB Percent	51%, 39%, 56%
CMY	0.4902, 0.6078, 0.4392
CMYK	0.09, 0.30, 0.00, 0.44
HSL	282°, 18%, 48%
HSV	282°, 30%, 56%
XYZ	18.7210, 15.8433, 28.0580
YIQ	113.8720, 4.0770, 19.7330

Conversions

Conversions Part 2

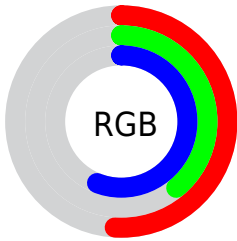
Format	Color
R _Y B	130, 100, 143
Decimal	8545423
CIE Lab	46.77, 20.36, -19.05
CIE LCh	47, 27.884, 316.908
Yxy	15.8433, 0.2990, 0.2530
Android (android.graphics.Color)	4286735503 (0xFF82648F)
YUV	113.8720, 14.3601, 14.1443
Hunter-Lab	39.8037, 14.2981, -13.9314

Details

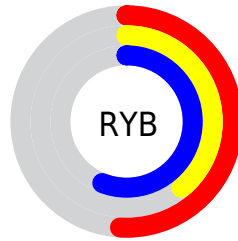
The YUV color **113.8720, 14.3601, 14.1443** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.1280, -14.3601, -14.1443**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8120, 15.3757, 15.0739**, and **65.6330, 13.4919, 12.5999** is the 20% darker color. If you saturate the color by 10%, you get **104.4580, 19.0012, 18.8923**, and if you desaturate by 10%, it is **123.2860, 9.7190, 9.3962**.

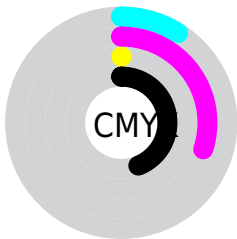
Distribution



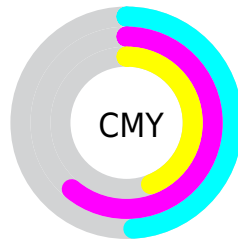
- Red (51%)
- Green (39%)
- Blue (56%)



- Red (51%)
- Yellow (39%)
- Blue (56%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8720, 14.3601, 14.1443 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 113.8720, 14.3601, 14.1443 by changing the saturation by 10% instead.

■ 113.8720, 14.3601,
14.1443

■ 113.8720, 14.3601,
14.1443

■ 255.0000, 0.0000,
0.0000

■ 89.3450, 13.6339,
13.7294

■ 165.8120, 15.3757,
15.0739

■ 65.6330, 13.4919,
12.5999

■ 193.2250, 15.6651,
15.5887

■ 42.8070, 12.9131,
11.5703

■ 221.6380, 15.9545,
16.1035

■ 21.2800, 12.1870,
11.1554

■ 242.6730, 6.0772,
10.8108

■ 3.2630, 11.2093,
-1.9847

■ 0.0000, 0.0000,
0.0000

■ 113.8720, 14.3601,
14.1443

■ 113.8720, 14.3601,
14.1443

■ 104.4580, 19.0012,
18.8923

■ 123.2860, 9.7190,
9.3962

■ 94.1580, 24.0791,
23.5404

■ 133.5860, 4.6411,
4.7481

■ 84.7440, 28.7202,
28.2885

■ 143.0000, 0.0000,
0.0000

■ 75.3300, 33.3613,
33.0366

■ 152.4140, -4.6411,
-4.7481

■ 65.0300, 38.4392,
37.6847

■ 162.1270, -9.4296,
-8.8814

■ 55.6160, 43.0803,
42.4328


■ 172.1280,
-14.3601, -14.1443

■ 46.2020, 47.7214,
47.1808

■ 181.5420,
-19.0012, -18.8923

■ 191.2550,

-23.7897, -23.0256

 201.2560,
-28.7202, -28.2885

Harmonies

Analogous

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



110.9550, 21.7142, -11.3615



113.8720, 14.3601, 14.1443



113.9360, 3.9756, 31.6281

Triad

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



113.8720, 14.3601, 14.1443



109.9970, -22.1835, 21.9276



92.3170, 15.6197, -63.4220

Complementary

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



113.8720, 14.3601, 14.1443



129.1280, -14.3601, -14.1443

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.



100.2310, -0.6069, -38.7906



113.8720, 14.3601, 14.1443



108.1150, -21.2557, 4.2841

Square

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



113.8720, 14.3601, 14.1443



111.5670, -16.5485, 34.5827



104.7580, -13.1917, -15.5738



91.3300, 25.9663, -68.6954

Rectangle

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



113.8720, 14.3601, 14.1443



113.3190, -3.6083, 37.4312



104.7580, -13.1917, -15.5738



95.2920, 10.2090, -54.6301

Sweetspot

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



113.8720, 14.3601, 14.1443



174.5260, 5.6567, 5.6777



113.1200, 14.7308, -11.5062



87.2330, 3.3361, 3.3037



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.8720, 14.3601, 14.1443



140.6910, 22.3373, 22.1960



116.8470, 8.9494, 22.9362



66.2930, 2.3206, 2.3740



43.4960, 45.1115, 44.2920



2.4070, 2.7573, 2.2741

Inverse Universe

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



114.3390, -0.6601, 25.1357



141.3130, -1.1403, 39.1905



126.1530, -8.9494, -22.9362



66.3210, -0.1583, 4.1035



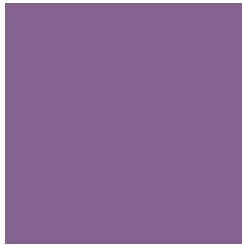
45.0390, -1.9912, 78.8958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 113.8720, 14.3601, 14.1443 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 113.8720, 14.3601, 14.1443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

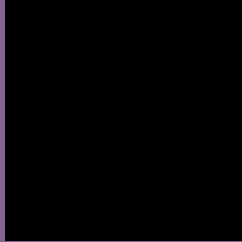
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8720, 14.3601, 14.1443

Background



This preview shows how black text looks on a background with the YUV color 113.8720, 14.3601, 14.1443.



This preview shows how white text looks on a background with the YUV color 113.8720, 14.3601,

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

113.8720, 14.3601, 14.1443

Protanopia

111.2710, 19.0934, -10.7617

Deuteranopia

111.7510, 14.4198, -5.0436



Tritanopia

112.8920, 0.5462, 11.4957

Trichromacy



Original Color

113.8720, 14.3601, 14.1443

Protanomaly

111.8700, 17.3191, -1.6400

Deuteranomaly

112.7950, 14.3981, 1.9338

Tritanomaly

113.2710, 5.7824, 12.0403

Monochromacy



Original Color

113.8720, 14.3601, 14.1443

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8720, 14.3601, 14.1443 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(130, 100, 143)` looks like.

```
.text, #text, p{  
    color:rgb(130, 100, 143)  
}
```

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(130, 100, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 100, 143) }
```

Border

The CSS property to change the border of an element to YUV 113.8720, 14.3601, 14.1443 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(130, 100, 143) }
```


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

```
.border{ border-color:rgb(130, 100, 143) }
```

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

Here you see how a box with a 4 pixel rgb(130, 100, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 100, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 100, 143);  
box-shadow:4px 4px 4px 4px rgb(130, 100,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 113.8720, 14.3601, 14.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 100, 143) }
```

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

```
.background{ background-color: rgb(130,  
100, 143) }
```

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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