

Converting Colors

YUV(145.5720, 6.1270, 41.5944)

Have a look what the booklet for
YUV(145.5720, 6.1270, 41.5944)
contains.

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Color

**YUV(145.5720, 6.1270,
41.5944)**

Conversions

Conversions Part 1

Format	Color
Hex	C1779E
RGB	193, 119, 158
RGB Percent	76%, 47%, 62%
CMY	0.2431, 0.5333, 0.3804
CMYK	0.00, 0.38, 0.18, 0.24
HSL	328°, 37%, 61%
HSV	328°, 38%, 76%
XYZ	34.7607, 26.9997, 35.7271
YIQ	145.5720, 31.5850, 27.8170

Conversions

Conversions Part 2

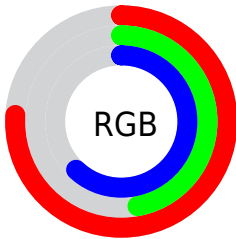
Format	Color
R _Y B	193, 119, 158
Decimal	12679070
CIE Lab	58.97, 34.40, -8.68
CIE LCh	59, 35.478, 345.838
Yxy	26.9997, 0.3566, 0.2770
Android (android.graphics.Color)	4290869150 (0xFFC1779E)
YUV	145.5720, 6.1270, 41.5944
Hunter-Lab	51.9613, 28.4795, -4.3933

Details

The YUV color **145.5720, 6.1270, 41.5944** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **166.4280, -6.1270, -41.5944**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2950, 6.2636, 44.4683**, and **93.9630, 6.4272, 38.6204** is the 20% darker color. If you saturate the color by 10%, you get **133.3930, 7.6943, 52.2753**, and if you desaturate by 10%, it is **157.7510, 4.5598, 30.9134**.

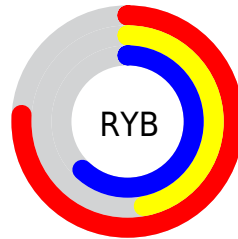
Distribution



Red (76%)

Green (47%)

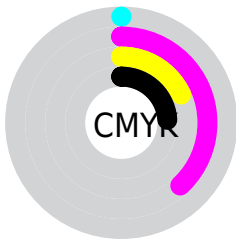
Blue (62%)



Red (76%)

Yellow (47%)

Blue (62%)

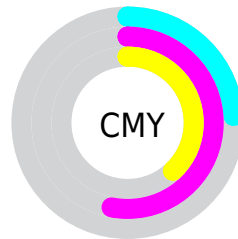


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.5720, 6.1270, 41.5944 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 145.5720, 6.1270, 41.5944 by changing the saturation by 10% instead.

 145.5720, 6.1270,
41.5944


 145.5720, 6.1270,
41.5944


255.0000, 0.0000,
0.0000

 118.9740, 6.4218,
40.3648


 200.2950, 6.2636,
44.4683

 93.9630, 6.4272,
38.6204

 221.1190, 9.8013,
29.7136

 68.3650, 6.7221,
37.3909

 239.7380, 7.5242,
13.3848

 43.5930, 7.5957,
37.1909

 22.2720, 7.7539,
33.0875

 13.8980, 1.5293,
22.8915

 0.0000, 0.0000,

0.0000

■ 145.5720, 6.1270,
41.5944

■ 145.5720, 6.1270,
41.5944

■ 133.3930, 7.6943,
52.2753

■ 157.7510, 4.5598,
30.9134

■ 120.6270, 9.5509,
63.4711

■ 170.5170, 2.7031,
19.7176

■ 108.4480, 11.1181,
74.1521

■ 182.6960, 1.1359,
9.0366

■ 96.1550, 12.2486,
84.9331

■ 194.9890, 0.0054,
-1.7444

■ 83.9760, 13.8158,
95.6140

■ 207.7550, -1.8512,
-12.9401

■ 71.2100, 15.6725,
106.8098

■ 219.9340, -3.4185,
-23.6211

■ 69.3350, 16.1038,
108.4542

■ 232.1130, -4.9857,
-34.3021

■ 233.7260, -1.3439,
-35.7167

■ 234.7520, 2.5873,
-36.6165

Harmonies

Analogous

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



145.9740, 19.7328, 17.5628



145.5720, 6.1270, 41.5944



144.0280, -8.8878, 50.8414

Triad

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



145.5720, 6.1270, 41.5944



138.0030, -28.1025, 7.0134



112.7760, 36.0994, -98.9046

Complementary

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



145.5720, 6.1270, 41.5944



166.4280, -6.1270, -41.5944

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.



110.7580, 23.2903, -97.1348



145.5720, 6.1270, 41.5944



134.0580, -18.2696, -20.2219

Square

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



145.5720, 6.1270, 41.5944



140.8040, -29.4834, 29.9899



127.1540, -0.5689, -51.0011



130.2250, 35.3851, -56.3253

Rectangle

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



145.5720, 6.1270, 41.5944



142.7260, -17.6129, 49.3523



127.1540, -0.5689, -51.0011



112.3370, 31.8789, -98.5195

Sweetspot

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



145.5720, 6.1270, 41.5944



230.7940, 2.5666, 16.8437



137.9010, 27.1638, 14.1188



113.5220, 1.7147, 10.0662



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



145.5720, 6.1270, 41.5944



176.3390, 9.6929, 64.6007



141.3540, -10.0345, 45.2935



90.5600, 0.7099, 5.6479



57.8290, 13.3953, 90.4810



11.8050, 2.5611, 18.5880

Inverse Universe

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



145.5720, 6.1270, 41.5944



176.3390, 9.6929, 64.6007



170.6460, 10.0345, -45.2935



90.5600, 0.7099, 5.6479



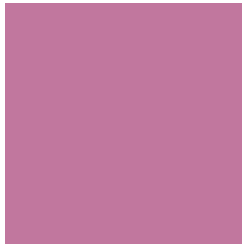
57.8290, 13.3953, 90.4810



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 145.5720, 6.1270, 41.5944 looks on a white background.

Color Contrast Check

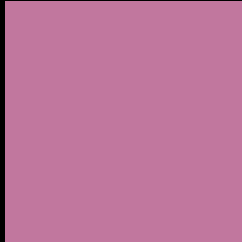
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 145.5720, 6.1270, 41.5944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

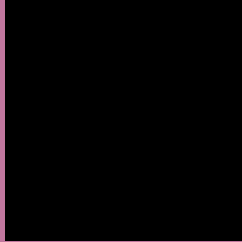
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.5720, 6.1270, 41.5944 Background



This preview shows how black text looks on a background with the YUV color 145.5720, 6.1270, 41.5944.



This preview shows how white text looks on a background with the YUV color 145.5720, 6.1270,

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

145.5720, 6.1270, 41.5944

Protanopia

142.7400, 14.4252, -6.7880

Deuteranopia

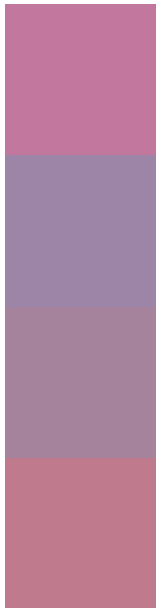
143.8250, 5.5093, 6.2925



Tritanopia

144.7600, -5.7977, 39.6755

Trichromacy



Original Color

145.5720, 6.1270, 41.5944

Protanomaly

143.7530, 11.4608, 10.7406

Deuteranomaly

144.3150, 5.7607, 19.0177

Tritanomaly

144.9110, -1.4351, 40.4201

Monochromacy



Original Color

145.5720, 6.1270, 41.5944

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6690, 2.1352, 15.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.5720, 6.1270, 41.5944 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(193, 119, 158)` looks like.

```
.text, #text, p{  
    color:rgb(193, 119, 158)  
}
```

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(193, 119, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 119, 158) }
```

Border

The CSS property to change the border of an element to YUV 145.5720, 6.1270, 41.5944 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(193, 119, 158) }
```


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

```
.border{ border-color:rgb(193, 119, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 119, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 119, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 119, 158);  
box-shadow:4px 4px 4px 4px rgb(193, 119,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 145.5720, 6.1270, 41.5944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 119, 158) }
```

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

```
.background{ background-color: rgb(193,  
119, 158) }
```

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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