

Converting Colors

YUV(145.7980, 0.0996, 61.5672)

Have a look what the booklet for
YUV(145.7980, 0.0996, 61.5672)
contains.

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Color

**YUV(145.7980, 0.0996,
61.5672)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D86E92 |
| RGB | 216, 110, 146 |
| RGB Percent | 85%, 43%, 57% |
| CMY | 0.1529, 0.5686, 0.4275 |
| CMYK | 0.00, 0.49, 0.32, 0.15 |
| HSL | 340°, 58%, 64% |
| HSV | 340°, 49%, 85% |
| XYZ | 39.0831, 27.8261, 30.5052 |
| YIQ | 145.7980, 51.6200, 33.6680 |

Conversions

Conversions Part 2

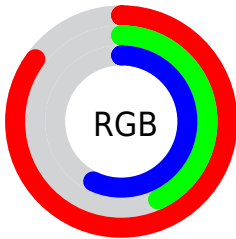
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 216, 110, 146 |
| Decimal | 14184082 |
| CIE Lab | 59.73, 45.38, -0.30 |
| CIE LCh | 60, 45.382, 359.625 |
| Yxy | 27.8261, 0.4012, 0.2856 |
| Android (android.graphics.Color) | 4292374162 (0xFFD86E92) |
| YUV | 145.7980, 0.0996, 61.5672 |
| Hunter-Lab | 52.7505, 39.9384, 2.6384 |

Details

The YUV color **145.7980, 0.0996, 61.5672** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **180.2020, -0.0996, -61.5672**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3130, 2.3107, 52.3455**, and **91.6450, 2.1470, 58.1933** is the 20% darker color. If you saturate the color by 10%, you get **131.2880, 0.3510, 74.2924**, and if you desaturate by 10%, it is **160.3080, -0.1518, 48.8419**.

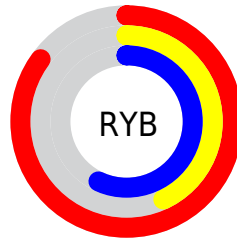
Distribution



Red (85%)

Green (43%)

Blue (57%)



Red (85%)

Yellow (43%)

Blue (57%)

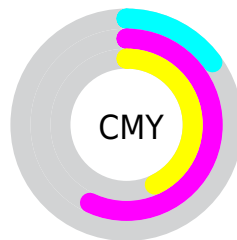


Cyan (0%)

Magenta (49%)

Yellow (32%)

Black (15%)



Cyan (15%)


Magenta (57%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.7980, 0.0996, 61.5672 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 145.7980, 0.0996, 61.5672 by changing the saturation by 10% instead.

 145.7980, 0.0996,
61.5672


 145.7980, 0.0996,
61.5672


255.0000, 0.0000,
0.0000

 118.9010, 0.5418,
59.7228


 195.3130, 2.3107,
52.3455


 91.6450, 2.1470,
58.1933


 214.9410, 6.4381,
35.1317


 64.6880, 3.6048,
57.2786

 235.0420, 9.8393,
17.5032

 36.4970, 6.6570,
58.3231

 252.0650, 1.4470,
2.5740

 25.7310, 1.6116,
43.2089

 16.0750, -6.9390,
32.3832

 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 145.7980, 0.0996,
61.5672

■ 145.7980, 0.0996,
61.5672

■ 131.2880, 0.3510,
74.2924

■ 160.3080, -0.1518,
48.8419

■ 117.2510, -0.1237,
86.6029

■ 174.3450, 0.3229,
36.5314

■ 102.7410, 0.1277,
99.3281

■ 188.8550, 0.0715,
23.8062

■ 88.8180, 0.0897,
111.5386

■ 202.7780, 0.1094,
11.5957

■ 74.3080, 0.3412,
124.2639

■ 217.2880, -0.1420,
-1.1296

■ 72.9060, 0.0463,
125.4934

■ 231.9120, 0.0434,
-13.9548

■ 242.3130, 1.8177,
-23.0765

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



148.0630, 18.2099, 39.4097



145.7980, 0.0996, 61.5672



143.9990, -18.2405, 64.0219

Triad

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



145.7980, 0.0996, 61.5672



135.9920, -31.5481, -7.8860



116.9140, 46.8774, -102.5336

Complementary

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



145.7980, 0.0996, 61.5672



180.2020, -0.0996, -61.5672

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.



116.4290, 32.3265, -102.1082



145.7980, 0.0996, 61.5672



128.8590, -13.2415, -46.3573

Square

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



145.7980, 0.0996, 61.5672



140.5400, -39.2132, 24.0824



112.4560, 14.5652, -98.6239



132.6300, 44.5524, -56.6805

Rectangle

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



145.7980, 0.0996, 61.5672



143.0830, -29.1279, 56.0552



112.4560, 14.5652, -98.6239



117.7630, 42.5148, -103.2782

Sweetspot

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



145.7980, 0.0996, 61.5672



229.8440, 0.0769, 22.0618



142.7150, 36.1295, 31.8219



112.6750, -0.3328, 13.4400



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



145.7980, 0.0996, 61.5672



155.6640, 0.1656, 87.1177



151.0860, -20.2554, 56.9296



99.7450, 0.1257, 6.3626



57.7410, 0.1277, 99.3281



14.5670, 0.2135, 24.9357

Inverse Universe

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



145.7980, 0.0996, 61.5672



155.6640, 0.1656, 87.1177



174.9140, 20.2554, -56.9296



99.7450, 0.1257, 6.3626



57.7410, 0.1277, 99.3281



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 145.7980, 0.0996, 61.5672 looks on a white background.

Color Contrast Check

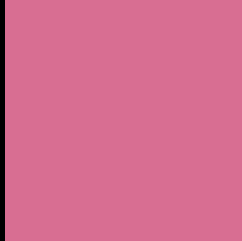
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7980, 0.0996, 61.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

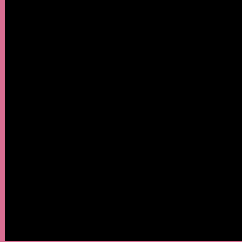
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.7980, 0.0996, 61.5672

Background



This preview shows how black text looks on a background with the YUV color 145.7980, 0.0996, 61.5672.



This preview shows how white text looks on a background with the YUV color 145.7980, 0.0996,

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

145.7980, 0.0996, 61.5672

Protanopia

144.7250, 10.4886, -4.1438

Deuteranopia

145.7950, -2.3639, 11.5808



Tritanopia

144.9260, -10.8095, 60.5779

Trichromacy



Original Color

145.7980, 0.0996, 61.5672

Protanomaly

145.2550, 6.7763, 19.9474

Deuteranomaly

145.8450, -1.4026, 29.9539

Tritanomaly

145.5500, -7.1731, 60.9077

Monochromacy



Original Color

145.7980, 0.0996, 61.5672

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8440, 0.0769, 22.0618

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.7980, 0.0996, 61.5672 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(216, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(216, 110, 146)  
}
```

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(216, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 110, 146) }
```

Border

The CSS property to change the border of an element to YUV 145.7980, 0.0996, 61.5672 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(216, 110, 146) }
```


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

```
.border{ border-color:rgb(216, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(216, 110,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 145.7980, 0.0996, 61.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 110, 146) }
```

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

```
.background{ background-color: rgb(216,  
110, 146) }
```

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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