

Converting Colors

YUV(139.9980, 3.4520, 59.6378)

Have a look what the booklet for
YUV(139.9980, 3.4520, 59.6378)
contains.

YUV(139.9980, 3.4520, 59.6378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(139.9980, 3.4520,
59.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	D06893
RGB	208, 104, 147
RGB Percent	82%, 41%, 58%
CMY	0.1843, 0.5922, 0.4235
CMYK	0.00, 0.50, 0.29, 0.18
HSL	335°, 53%, 61%
HSV	335°, 50%, 82%
XYZ	36.2292, 25.4171, 30.6003
YIQ	139.9980, 48.1810, 35.4210

Conversions

Conversions Part 2

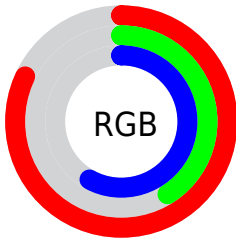
Format	Color
R _Y B	208, 104, 147
Decimal	13658259
CIE _{Lab}	57.48, 45.81, -4.32
CIE _{LCh}	57, 46.010, 354.618
Y _{xy}	25.4171, 0.3927, 0.2755
Android (android.graphics.Color)	4291848339 (0xFFD06893)
YUV	139.9980, 3.4520, 59.6378
Hunter-Lab	50.4154, 40.0457, -0.6961

Details

The YUV color **139.9980, 3.4520, 59.6378** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.0020, -3.4520, -59.6378**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9050, 4.4838, 55.3343**, and **86.1440, 5.3520, 56.8787** is the 20% darker color. If you saturate the color by 10%, you get **126.3030, 4.2876, 71.6483**, and if you desaturate by 10%, it is **153.6930, 2.6164, 47.6272**.

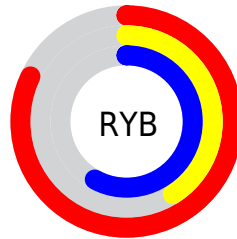
Distribution



Red (82%)

Green (41%)

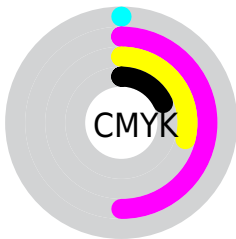
Blue (58%)



Red (82%)

Yellow (41%)

Blue (58%)

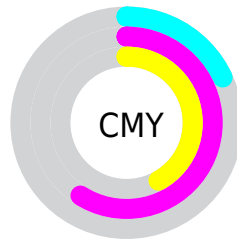


Cyan (0%)

Magenta (50%)

Yellow (29%)

Black (18%)



Cyan (18%)

Magenta (59%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.9980, 3.4520, 59.6378 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 139.9980, 3.4520, 59.6378 by changing the saturation by 10% instead.

 139.9980, 3.4520,
59.6378

 139.9980, 3.4520,
59.6378


255.0000, 0.0000,
0.0000


 113.1010, 3.8942,
57.7934

 191.9050, 4.4838,
55.3343


 86.1440, 5.3520,
56.8787

 211.5330, 8.6112,
38.1206


 58.0130, 7.3886,
56.9936

 230.9330, 11.8650,
21.1068

 34.4040, 7.6888,
54.0197

 247.9560, 3.4727,
6.1776

 23.9370, 2.4961,
39.5203

 13.9820, -5.9071,
28.0798

 0.0000, 0.0000,

0.0000

■ 139.9980, 3.4520,
59.6378

■ 139.9980, 3.4520,
59.6378

■ 126.3030, 4.2876,
71.6483

■ 153.6930, 2.6164,
47.6272

■ 112.6080, 5.1233,
83.6588

■ 167.3880, 1.7807,
35.6167

■ 99.3860, 5.2327,
95.2545

■ 180.6100, 1.6713,
24.0210

■ 85.6910, 6.0683,
107.2650

■ 194.3050, 0.8356,
12.0105

■ 71.9960, 6.9040,
119.2755

■ 208.0000, 0.0000,
0.0000

■ 221.6950, -0.8356,
-12.0105

■ 235.3900, -1.6713,
-24.0210

■ 239.8070, 2.5601,
-27.8947

■ 240.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



142.1270, 21.1364, 34.0916



139.9980, 3.4520, 59.6378



137.8080, -15.1883, 65.0664

Triad

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



139.9980, 3.4520, 59.6378



130.9280, -34.4745, -2.5679



113.5400, 44.1038, -99.5746

Complementary

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



139.9980, 3.4520, 59.6378



172.0020, -3.4520, -59.6378

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.



112.1260, 28.5319, -98.3345



139.9980, 3.4520, 59.6378



124.2790, -16.8995, -39.7097

Square

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



139.9980, 3.4520, 59.6378



134.2740, -39.0821, 28.7007



107.4520, 10.6232, -94.2354



118.6380, 48.9855, -78.6125

Rectangle

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



139.9980, 3.4520, 59.6378



137.3760, -26.8074, 58.4292



107.4520, 10.6232, -94.2354



113.5740, 39.1570, -99.6044

Sweetspot

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



139.9980, 3.4520, 59.6378



230.1860, 1.3873, 21.7619



134.0950, 36.4352, 27.1037



112.9030, 0.5408, 13.2401



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.



139.9980, 3.4520, 59.6378



154.9290, 4.9650, 87.7623



140.3790, -17.9348, 59.3036



97.7450, 0.1257, 6.3626



58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Inverse Universe

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



139.9980, 3.4520, 59.6378



154.9290, 4.9650, 87.7623



171.6210, 17.9348, -59.3036



97.7450, 0.1257, 6.3626



58.2120, 5.8115, 96.2841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 139.9980, 3.4520, 59.6378 looks on a white background.

Color Contrast Check

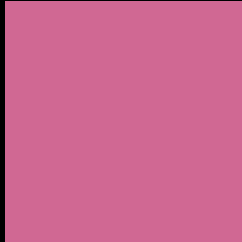
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9980, 3.4520, 59.6378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

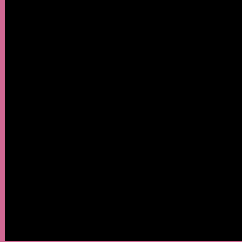
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.9980, 3.4520, 59.6378

Background



This preview shows how black text looks on a background with the YUV color 139.9980, 3.4520, 59.6378.



This preview shows how white text looks on a background with the YUV color 139.9980, 3.4520,

59.6378.

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

139.9980, 3.4520, 59.6378

Protanopia

139.0390, 14.2778, -6.1732

Deuteranopia

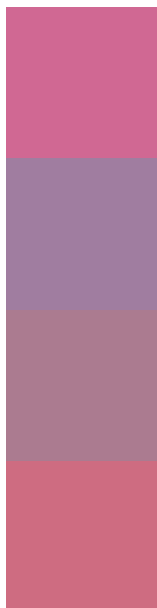
139.6960, 1.1359, 9.0366



Tritanopia

139.3170, -10.5093, 57.6040

Trichromacy



Original Color

139.9980, 3.4520, 59.6378

Protanomaly

139.4550, 10.1287, 18.0180

Deuteranomaly

139.7460, 2.0972, 27.4098

Tritanomaly

139.6960, -5.2731, 58.1486

Monochromacy



Original Color

139.9980, 3.4520, 59.6378

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1860, 1.3873, 21.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.9980, 3.4520, 59.6378 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(208, 104, 147)` looks like.

```
.text, #text, p{  
    color:rgb(208, 104, 147)  
}
```

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(208, 104, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 104, 147) }
```

Border

The CSS property to change the border of an element to YUV 139.9980, 3.4520, 59.6378 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(208, 104, 147) }
```


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

```
.border{ border-color:rgb(208, 104, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 104, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 104, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 104, 147);  
box-shadow:4px 4px 4px 4px rgb(208, 104,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 139.9980, 3.4520, 59.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 104, 147) }
```

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

```
.background{ background-color: rgb(208,  
104, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor