

Converting Colors

YUV(139.6140, 15.9663,
59.0975)

Have a look what the booklet for
YUV(139.6140, 15.9663, 59.0975)
contains.

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Color

**YUV(139.6140, 15.9663,
59.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	CF63AC
RGB	207, 99, 172
RGB Percent	81%, 39%, 67%
CMY	0.1882, 0.6118, 0.3255
CMYK	0.00, 0.52, 0.17, 0.19
HSL	319°, 53%, 60%
HSV	319°, 52%, 81%
XYZ	37.6404, 25.1676, 41.9037
YIQ	139.6140, 40.9350, 45.5990

Conversions

Conversions Part 2

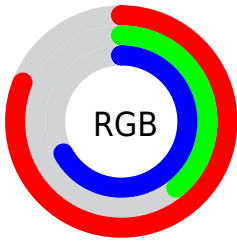
Format	Color
R_{YB}	207, 99, 172
Decimal	13591468
CIE _{Lab}	57.24, 51.49, -19.20
CIE _{LCh}	57, 54.958, 339.548
Yxy	25.1676, 0.3595, 0.2404
Android (android.graphics.Color)	4291781548 (0xFFCF63AC)
YUV	139.6140, 15.9663, 59.0975
Hunter-Lab	50.1674, 46.1349, -14.4065

Details

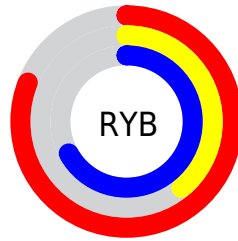
The YUV color **139.6140, 15.9663, 59.0975** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **166.3860, -15.9663, -59.0975**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9340, 17.2875, 55.3089**, and **84.3580, 17.5715, 57.5680** is the 20% darker color. If you saturate the color by 10%, you get **126.4890, 18.9859, 70.6081**, and if you desaturate by 10%, it is **152.7390, 12.9467, 47.5869**.

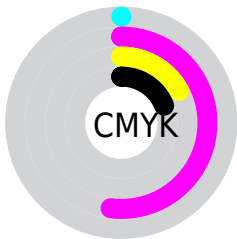
Distribution



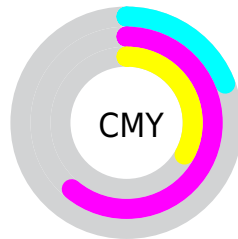
- Red (81%)
- Green (39%)
- Blue (67%)



- Red (81%)
- Yellow (39%)
- Blue (67%)



- Cyan (0%)
- Magenta (52%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.6140, 15.9663, 59.0975 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 139.6140, 15.9663, 59.0975 by changing the saturation by 10% instead.


 139.6140, 15.9663,
59.0975


 139.6140, 15.9663,
59.0975


255.0000, 0.0000,
0.0000


 112.0160, 16.2611,
57.8680


 191.9340, 17.2875,
55.3089


 84.3580, 17.5715,
57.5680


 211.5620, 21.4149,
38.0951


 52.5910, 20.9076,
60.8717

 228.5850, 13.0226,
23.1660

 36.4990, 17.0090,
51.3054

 245.6080, 4.6303,
8.2368

 26.1030, 10.7952,
37.6207

 16.5330, 5.1602,
24.9656

 0.0000, 0.0000,

0.0000

■ 139.6140, 15.9663,
59.0975

■ 139.6140, 15.9663,
59.0975

■ 126.4890, 18.9859,
70.6081

■ 152.7390, 12.9467,
47.5869

■ 114.0650, 22.1530,
81.5040

■ 165.1630, 9.7796,
36.6910

■ 100.9400, 25.1726,
93.0146

■ 178.2880, 6.7600,
25.1804

■ 87.8150, 28.1922,
104.5252

■ 191.4130, 3.7404,
13.6698

■ 77.8530, 30.6385,
113.2619

■ 204.5380, 0.7208,
2.1592

■ 216.9620, -2.4463,
-8.7367

■ 230.0870, -5.4659,
-20.2473

■ 237.3420, -5.5916,
-26.6099

■ 238.0260, -2.9708,
-27.2098

Harmonies

Analogous

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



141.2740, 34.8679, 16.4227



139.6140, 15.9663, 59.0975



136.0020, -5.9170, 78.0512

Triad

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



139.6140, 15.9663, 59.0975



130.0800, -48.3534, 15.7158



115.7910, 40.0360, -101.5487

Complementary

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



139.6140, 15.9663, 59.0975



166.3860, -15.9663, -59.0975

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.



111.8350, 19.8013, -98.0793



139.6140, 15.9663, 59.0975



124.5400, -32.8042, -25.0296

Square

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



139.6140, 15.9663, 59.0975



133.7280, -44.2359, 48.4735



104.3740, -1.1704, -91.5360



115.1020, 55.1657, -100.9445

Rectangle

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



139.6140, 15.9663, 59.0975



135.0930, -20.7518, 76.2174



104.3740, -1.1704, -91.5360



114.7820, 33.6315, -100.6638

Sweetspot

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



139.6140, 15.9663, 59.0975



229.4510, 6.1867, 22.4065



121.4780, 42.1623, 10.1048



112.4130, 3.7404, 13.6698



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.



139.6140, 15.9663, 59.0975



154.5650, 23.8785, 88.0815



133.5720, -7.1840, 64.3964



98.0870, 1.4361, 6.0627



63.2280, 25.0306, 91.8850



15.4510, 6.1867, 22.4065

Inverse Universe

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



139.6140, 15.9663, 59.0975



154.5650, 23.8785, 88.0815



172.4280, 7.1840, -64.3964



98.0870, 1.4361, 6.0627



63.2280, 25.0306, 91.8850



15.4510, 6.1867, 22.4065

Previews

White Background



This preview shows how the YUV color 139.6140, 15.9663, 59.0975 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 139.6140, 15.9663, 59.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

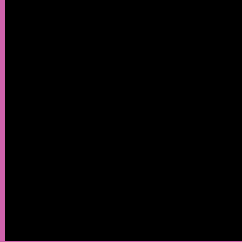
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.6140, 15.9663, 59.0975

Background



This preview shows how black text looks on a background with the YUV color 139.6140, 15.9663, 59.0975.



This preview shows how white text looks on a background with the YUV color 139.6140, 15.9663, 59.0975.

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

139.6140, 15.9663, 59.0975

Protanopia

137.5010, 30.3190, -17.9794

Deuteranopia

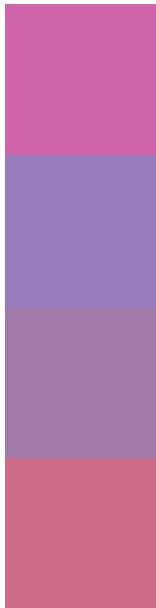
139.1320, 13.2459, -1.8698



Tritanopia

139.1210, -9.9197, 55.1449

Trichromacy



Original Color

139.6140, 15.9663, 59.0975

Protanomaly

138.5970, 24.8487, 10.0004

Deuteranomaly

139.2040, 14.1964, 19.9921

Tritanomaly

139.5370, -0.7577, 56.5341

Monochromacy



Original Color

139.6140, 15.9663, 59.0975

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7390, 6.0447, 21.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6140, 15.9663, 59.0975 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(207, 99, 172)` looks like.

```
.text, #text, p{  
    color:rgb(207, 99, 172)  
}
```

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(207, 99, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 99, 172) }
```

Border

The CSS property to change the border of an element to YUV 139.6140, 15.9663, 59.0975 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(207, 99, 172) }
```


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

```
.border{ border-color:rgb(207, 99, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 99, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 99, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 99, 172);  
box-shadow:4px 4px 4px 4px rgb(207, 99,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 139.6140, 15.9663, 59.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 99, 172) }
```

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

```
.background{ background-color: rgb(207, 99,  
172) }
```

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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