

Converting Colors

YUV(139.3060, 19.5691,
23.4106)

Have a look what the booklet for
YUV(139.3060, 19.5691, 23.4106)
contains.

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Color

**YUV(139.3060, 19.5691,
23.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	A676B3
RGB	166, 118, 179
RGB Percent	65%, 46%, 70%
CMY	0.3490, 0.5373, 0.2980
CMYK	0.07, 0.34, 0.00, 0.30
HSL	287°, 29%, 58%
HSV	287°, 34%, 70%
XYZ	30.3410, 24.3185, 45.7426
YIQ	139.3060, 9.0270, 29.1470

Conversions

Conversions Part 2

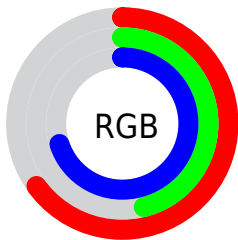
Format	Color
R_{YB}	166, 118, 179
Decimal	10909363
CIE _{Lab}	56.41, 29.63, -24.95
CIE _{LCh}	56, 38.734, 319.893
Yxy	24.3185, 0.3022, 0.2422
Android (android.graphics.Color)	4289099443 (0xFFA676B3)
YUV	139.3060, 19.5691, 23.4106
Hunter-Lab	49.3138, 23.5254, -20.4767

Details

The YUV color **139.3060, 19.5691, 23.4106** is a light color, and the websafe version is hex **996699**. A complement of this color would be **157.6940, -19.5691, -23.4106**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5450, 20.4373, 24.9550**, and **88.6540, 18.4116, 21.3514** is the 20% darker color. If you saturate the color by 10%, you get **127.5440, 25.3678, 30.2179**, and if you desaturate by 10%, it is **151.0680, 13.7705, 16.6034**.

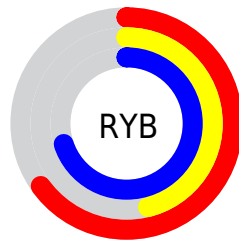
Distribution



Red (65%)

Green (46%)

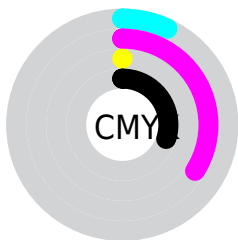
Blue (70%)



Red (65%)

Yellow (46%)

Blue (70%)

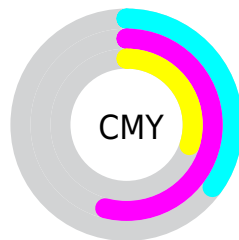


Cyan (7%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (35%)


Magenta (54%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.3060, 19.5691, 23.4106 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 139.3060, 19.5691, 23.4106 by changing the saturation by 10% instead.


 139.3060, 19.5691,
23.4106


 139.3060, 19.5691,
23.4106


255.0000, 0.0000,
0.0000

 113.4800, 18.9904,
22.3810


 193.5450, 20.4373,
24.9550


 88.6540, 18.4116,
21.3514


 220.3450, 17.0849,
26.8844

 64.2410, 18.1222,
20.8366

 238.5640, 8.1029,
14.4144

 40.5290, 17.9802,
19.7071

 18.1160, 17.6908,
19.1923

 7.8340, 11.9138,
5.4076

 0.4560, 1.7472,

-0.3999

0.0000, 0.0000,
0.0000

139.3060, 19.5691,
23.4106

139.3060, 19.5691,
23.4106

127.5440, 25.3678,
30.2179

151.0680, 13.7705,
16.6034

115.7820, 31.1665,
37.0252

162.8300, 7.9718,
9.7961

104.3190, 36.8177,
44.4472

174.2930, 2.3206,
2.3740

92.5570, 42.6164,
51.2545

186.0550, -3.4781,
-4.4332

81.3820, 48.1257,
57.5470

197.8170, -9.2768,
-11.2405

69.6200, 53.9243,
64.3543

208.9920,
-14.7861, -17.5330

62.5650, 57.4025,
68.7875

220.7540,
-20.5847, -24.3403

228.9940,
-24.6470, -28.0587

229.8910,
-25.0893, -26.2144

Harmonies

Analogous

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



135.7620, 31.1763, -12.9463



139.3060, 19.5691, 23.4106



138.2630, 4.8003, 47.1273

Triad

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



139.3060, 19.5691, 23.4106



133.1090, -32.0987, 28.8454



107.7090, 24.3005, -94.4608

Complementary

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



139.3060, 19.5691, 23.4106



157.6940, -19.5691, -23.4106

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.



115.0920, 3.4056, -65.8557



139.3060, 19.5691, 23.4106



130.2260, -29.6914, 3.3098

Square

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



139.3060, 19.5691, 23.4106



134.8800, -24.5908, 47.4632



125.5410, -17.5217, -26.7845



108.6670, 38.1252, -95.3010

Rectangle

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



139.3060, 19.5691, 23.4106



137.1470, -5.9885, 54.2451



125.5410, -17.5217, -26.7845



106.4550, 19.4957, -93.3610

Sweetspot

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



139.3060, 19.5691, 23.4106



217.0040, 7.3930, 8.7665



132.5850, 22.8826, -12.7910



107.8850, 4.4937, 5.3629



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



139.3060, 19.5691, 23.4106



170.2550, 30.4403, 36.6104



141.2550, 10.2273, 33.1024



83.1190, 2.8993, 3.4036



53.3220, 49.1413, 58.4766



8.9440, 8.4086, 9.6961

Inverse Universe

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



137.7210, -3.3135, 36.2017



167.6850, -5.2677, 56.4043



155.7450, -10.2273, -33.1024



82.9190, -0.4531, 5.3330



49.5090, -8.1389, 90.7616



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 139.3060, 19.5691, 23.4106 looks on a white background.

Color Contrast Check

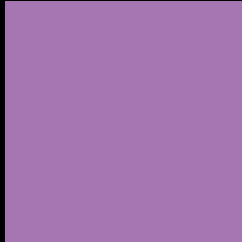
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.3060, 19.5691, 23.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

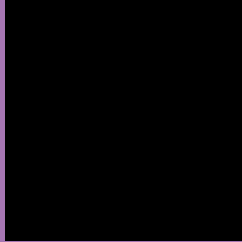
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.3060, 19.5691, 23.4106

Background



This preview shows how black text looks on a background with the YUV color 139.3060, 19.5691, 23.4106.



This preview shows how white text looks on a background with the YUV color 139.3060, 19.5691, 23.4106.

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

139.3060, 19.5691, 23.4106

Protanopia

135.7140, 27.2560, -15.5352

Deuteranopia

136.1080, 19.6668, -7.9877



Tritanopia

137.8930, -0.9332, 19.3878

Trichromacy



Original Color

139.3060, 19.5691, 23.4106

Protanomaly

136.8190, 24.7392, -1.5953

Deuteranomaly

137.4730, 19.4868, 3.0932

Tritanomaly

138.5540, 6.6289, 20.5621

Monochromacy



Original Color

139.3060, 19.5691, 23.4106

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.0040, 7.3930, 8.7665

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.3060, 19.5691, 23.4106 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(166, 118, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 118, 179)  
}
```

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(166, 118, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 118, 179) }
```

Border

The CSS property to change the border of an element to YUV 139.3060, 19.5691, 23.4106 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(166, 118, 179) }
```


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

```
.border{ border-color:rgb(166, 118, 179) }
```

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

Here you see how a box with a 4 pixel rgb(166, 118, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 118, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 118, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 118,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 139.3060, 19.5691, 23.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 118, 179) }
```

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

```
.background{ background-color: rgb(166,  
118, 179) }
```

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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