

Converting Colors

YUV(139.8360, 52.8319,
41.3628)

Have a look what the booklet for
YUV(139.8360, 52.8319, 41.3628)
contains.

YUV(139.8360, 52.8319, 41.3628)	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(139.8360, 52.8319,
41.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5FF7
RGB	187, 95, 247
RGB Percent	73%, 37%, 97%
CMY	0.2667, 0.6275, 0.0314
CMYK	0.24, 0.62, 0.00, 0.03
HSL	276°, 90%, 67%
HSV	276°, 62%, 97%
XYZ	41.3742, 25.4646, 90.7302
YIQ	139.8360, 6.0400, 66.7760

Conversions

Conversions Part 2

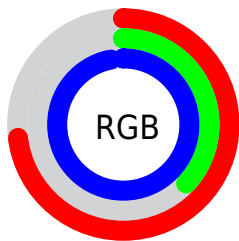
Format	Color
RYB	187, 95, 247
Decimal	12279799
CIELab	57.53, 62.02, -61.44
CIElCh	58, 87.295, 315.270
Yxy	25.4646, 0.2626, 0.1616
Android (android.graphics.Color)	4290469879 (0xFFBB5FF7)
YUV	139.8360, 52.8319, 41.3628
Hunter-Lab	50.4625, 58.0430, -71.2781

Details

The YUV color **139.8360, 52.8319, 41.3628** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **202.1640, -52.8319, -41.3628**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6740, 31.7127, 48.5209**, and **83.1240, 52.6899, 40.2333** is the 20% darker color. If you saturate the color by 10%, you get **122.1710, 61.5407, 48.0850**, and if you desaturate by 10%, it is **157.5010, 44.1230, 34.6406**.

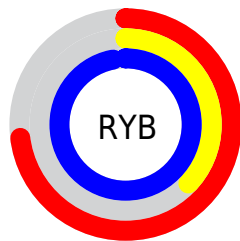
Distribution



Red (73%)

Green (37%)

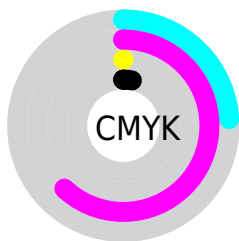
Blue (97%)



Red (73%)

Yellow (37%)

Blue (97%)

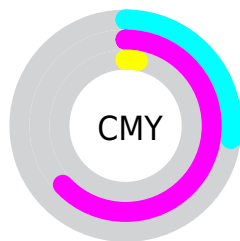


Cyan (24%)

Magenta (62%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (63%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.8360, 52.8319, 41.3628 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 139.8360, 52.8319, 41.3628 by changing the saturation by 10% instead.

139.8360, 52.8319,
41.3628

139.8360, 52.8319,
41.3628

255.0000, 0.0000,
0.0000

112.0100, 52.2531,
40.3332

190.6740, 31.7127,
48.5209

83.1240, 52.6899,
40.2333

209.8010, 22.2831,
39.6395

48.6670, 55.8732,
45.8960

226.2370, 14.1802,
25.2252

36.9180, 48.3544,
30.7669

243.2600, 5.7878,
10.2960

24.9840, 41.4199,
14.9230

11.0710, 35.9540,
-5.3243

6.7260, 25.7711,

-5.8987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 139.8360, 52.8319,
41.3628

■ 139.8360, 52.8319,
41.3628

■ 122.1710, 61.5407,
48.0850

■ 157.5010, 44.1230,
34.6406

■ 105.0930, 69.9602,
54.2924

■ 174.2800, 35.8510,
27.8184

■ 87.7270, 78.5216,
61.6294

■ 191.9450, 27.1421,
21.0962

■ 72.7090, 85.9255,
66.9072

■ 209.6100, 18.4333,
14.3740

227.2750, 9.7244,
7.6518

244.3530, 1.3050,
1.4444

254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



108.3150, 72.3157, -94.9923



139.8360, 52.8319, 41.3628



118.6470, 29.7540, 116.9506

Triad

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



139.8360, 52.8319, 41.3628



130.2290, -64.2029, 59.4352



119.8540, 27.6800, -105.1120

Complementary

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



139.8360, 52.8319, 41.3628



202.1640, -52.8319, -41.3628

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.



109.5600, -6.6851, -96.0841



139.8360, 52.8319, 41.3628



125.7570, -61.9982, 5.4751

Square

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



139.8360, 52.8319, 41.3628



123.4780, -48.0567, 107.4518



94.5070, -46.5920, -82.8826



126.6600, 58.8346, -111.0808

Rectangle

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



139.8360, 52.8319, 41.3628



94.3590, 16.5850, 140.8822



94.5070, -46.5920, -82.8826



116.8900, 16.3232, -102.5125

Sweetspot

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



139.8360, 52.8319, 41.3628



222.6160, 15.9653, 12.6148



148.1350, 48.7404, -46.5994



107.3890, 10.1612, 7.5518



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.



139.8360, 52.8319, 41.3628



121.9310, 65.6030, 51.8035



156.0660, 37.4355, 79.7491



113.7600, 4.0623, 3.7185



54.9910, 64.5874, 50.8739



17.1910, 20.6118, 15.6185

Inverse Universe

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



147.2880, 3.8020, 87.4474



131.0610, 4.8999, 108.6945



185.9340, -37.4355, -79.7491



114.1580, 0.4151, 6.8774



63.9360, 4.4686, 107.0501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 139.8360, 52.8319, 41.3628 looks on a white background.

Color Contrast Check

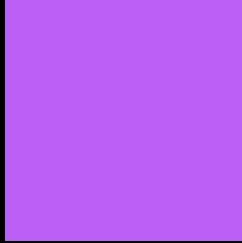
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.8360, 52.8319, 41.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

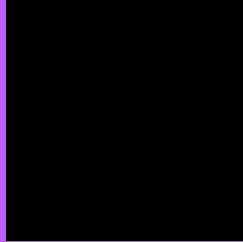
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.8360, 52.8319, 41.3628

Background



This preview shows how black text looks on a background with the YUV color 139.8360, 52.8319, 41.3628.



This preview shows how white text looks on a background with the YUV color 139.8360, 52.8319,

41.3628.

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

139.8360, 52.8319, 41.3628

Protanopia

130.1530, 61.5496, -48.3692

Deuteranopia

127.5510, 54.4514, -58.3652



Tritanopia

140.5840, -2.2599, 24.9208

Trichromacy



Original Color

139.8360, 52.8319, 41.3628



Protanomaly

133.8520, 58.2470, -15.6562



Deuteranomaly

132.2550, 53.6113, -22.1486



Tritanomaly

140.1930, 17.6529, 31.4027

Monochromacy



Original Color

139.8360, 52.8319, 41.3628



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.1370, 19.1595, 14.7889

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.8360, 52.8319, 41.3628 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(187, 95, 247)` looks like.

```
.text, #text, p{  
    color:rgb(187, 95, 247)  
}
```

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(187, 95, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 95, 247) }
```

Border

The CSS property to change the border of an element to YUV 139.8360, 52.8319, 41.3628 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(187, 95, 247) }
```


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

```
.border{ border-color:rgb(187, 95, 247) }
```

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

Here you see how a box with a 4 pixel rgb(187, 95, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 95, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 95, 247);  
box-shadow:4px 4px 4px 4px rgb(187, 95,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 139.8360, 52.8319, 41.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 95, 247) }
```

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

```
.background{ background-color: rgb(187, 95,  
247) }
```

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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