

Converting Colors

YUV(119.5280, 19.9527,
87.2369)

Have a look what the booklet for
YUV(119.5280, 19.9527, 87.2369)
contains.

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Color

**YUV(119.5280, 19.9527,
87.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	DB3DA0
RGB	219, 61, 160
RGB Percent	86%, 24%, 63%
CMY	0.1412, 0.7608, 0.3725
CMYK	0.00, 0.72, 0.27, 0.14
HSL	322°, 69%, 55%
HSV	322°, 72%, 86%
XYZ	37.2273, 20.9356, 35.3366
YIQ	119.5280, 62.3890, 64.2850

Conversions

Conversions Part 2

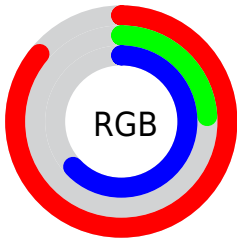
Format	Color
R_{YB}	219, 61, 160
Decimal	14368160
CIE _{Lab}	52.88, 68.94, -18.68
CIE _{LCh}	53, 71.424, 344.835
Yxy	20.9356, 0.3982, 0.2239
Android (android.graphics.Color)	4292558240 (0xFFDB3DA0)
YUV	119.5280, 19.9527, 87.2369
Hunter-Lab	45.7555, 65.1582, -13.7604

Details

The YUV color **119.5280, 19.9527, 87.2369** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **160.4720, -19.9527, -87.2369**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7820, 21.3065, 72.9822**, and **60.1520, 23.5891, 87.5667** is the 20% darker color. If you saturate the color by 10%, you get **105.7020, 22.8249, 99.3623**, and if you desaturate by 10%, it is **133.3540, 17.0805, 75.1115**.

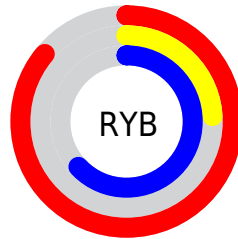
Distribution



Red (86%)

Green (24%)

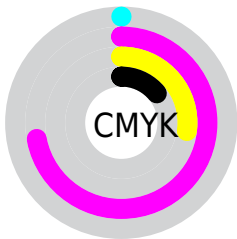
Blue (63%)



Red (86%)

Yellow (24%)

Blue (63%)

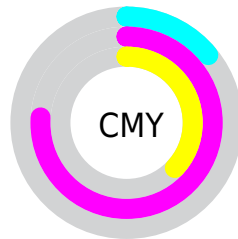


Cyan (0%)

Magenta (72%)

Yellow (27%)

Black (14%)



Cyan (14%)


Magenta (76%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.5280, 19.9527, 87.2369 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 119.5280, 19.9527, 87.2369 by changing the saturation by 10% instead.


 119.5280, 19.9527,
87.2369


 119.5280, 19.9527,
87.2369


255.0000, 0.0000,
0.0000


 84.1140, 24.5938,
91.9850


 171.7820, 21.3065,
72.9822


 60.1520, 23.5891,
87.5667


 191.9970, 25.1445,
55.2536


 48.7450, 17.3807,
72.1376

 210.3880, 21.9937,
39.1247

 37.4520, 11.6092,
56.6086

 227.9980, 13.3120,
23.6808

 26.8710, 5.9796,
42.2091

 245.0210, 4.9196,
8.7516

 15.8770, 0.0606,
27.2949

 0.0000, 0.0000,

0.0000

■ 119.5280, 19.9527,
87.2369

■ 119.5280, 19.9527,
87.2369

■ 105.7020, 22.8249,
99.3623

■ 133.3540, 17.0805,
75.1115

■ 91.8760, 25.6971,
111.4877

■ 147.1800, 14.2083,
62.9861

■ 81.0990, 27.5592,
120.9392

■ 161.1200, 11.7728,
50.7608

■ 174.9460, 8.9006,
38.6354

■ 188.7720, 6.0284,
26.5100

■ 202.0110, 3.4456,
14.8994

■ 215.8370, 0.5734,
2.7740

■ 229.6630, -2.2989,
-9.3515

■ 241.8420, -3.8661,
-20.0324

Harmonies

Analogous

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



129.2080, 41.8025, 32.2666



119.5280, 19.9527, 87.2369



112.6510, -6.7299, 105.5461

Triad

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



119.5280, 19.9527, 87.2369



115.1470, -56.7675, 7.7641



112.8050, 48.9031, -98.9300

Complementary

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



119.5280, 19.9527, 87.2369



160.4720, -19.9527, -87.2369

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.



107.5950, 23.8637, -94.3608



119.5280, 19.9527, 87.2369



101.3060, -38.1119, -49.3804

Square

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



119.5280, 19.9527, 87.2369



118.9660, -58.6502, 51.7728



99.1250, -3.5126, -86.9326



111.3980, 66.3588, -97.6960

Rectangle

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



119.5280, 19.9527, 87.2369



116.3790, -27.7948, 95.2606



99.1250, -3.5126, -86.9326



111.4540, 41.1882, -97.7452

Sweetspot

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



119.5280, 19.9527, 87.2369



219.7340, 7.0331, 30.9283



96.3540, 60.4645, 19.8605



106.5600, 4.1609, 18.8029



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.



119.5280, 19.9527, 87.2369



115.2240, 27.9906, 122.5836



110.6360, -14.1175, 95.0352



103.0870, 1.4361, 6.0627



64.1530, 22.1096, 95.4588



17.0600, 5.8864, 25.3804

Inverse Universe

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



119.5280, 19.9527, 87.2369



115.2240, 27.9906, 122.5836



169.3640, 14.1175, -95.0352



103.0870, 1.4361, 6.0627



64.1530, 22.1096, 95.4588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 119.5280, 19.9527, 87.2369 looks on a white background.

Color Contrast Check

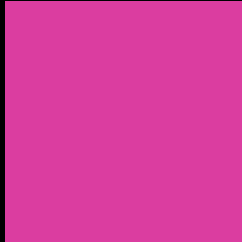
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5280, 19.9527, 87.2369 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 119.5280, 19.9527, 87.2369

Background



This preview shows how black text looks on a background with the YUV color 119.5280, 19.9527, 87.2369.



This preview shows how white text looks on a background with the YUV color 119.5280, 19.9527, 87.2369.

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

119.5280, 19.9527, 87.2369

Protanopia

124.4920, 40.6764, -26.7415

Deuteranopia

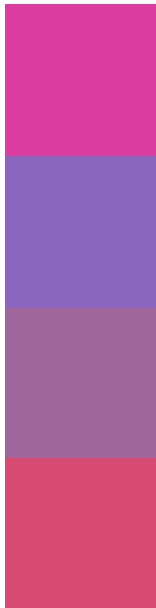
127.9750, 11.3513, -0.8551



Tritanopia

121.7390, -17.1263, 80.0359

Trichromacy



Original Color

119.5280, 19.9527, 87.2369

Protanomaly

122.5080, 33.2736, 14.4635

Deuteranomaly

124.6830, 14.4533, 30.9730

Tritanomaly

120.7190, -3.3125, 82.6844

Monochromacy



Original Color

119.5280, 19.9527, 87.2369

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1470, 7.3225, 31.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5280, 19.9527, 87.2369 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(219, 61, 160)` looks like.

```
.text, #text, p{  
    color:rgb(219, 61, 160)  
}
```

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(219, 61, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 61, 160) }
```

Border

The CSS property to change the border of an element to YUV 119.5280, 19.9527, 87.2369 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(219, 61, 160) }
```


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

```
.border{ border-color:rgb(219, 61, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 61, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 61, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 61, 160);  
box-shadow:4px 4px 4px 4px rgb(219, 61,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 119.5280, 19.9527, 87.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 61, 160) }
```

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

```
.background{ background-color: rgb(219, 61,  
160) }
```

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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