

Converting Colors

YUV(169.0120, 25.6301,
39.4545)

Have a look what the booklet for
YUV(169.0120, 25.6301, 39.4545)
contains.

YUV(169.0120, 25.6301, 39.4545)	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(169.0120, 25.6301,
39.4545)**

Conversions

Conversions Part 1

Format	Color
Hex	D688DD
RGB	214, 136, 221
RGB Percent	84%, 53%, 87%
CMY	0.1608, 0.4667, 0.1333
CMYK	0.03, 0.38, 0.00, 0.13
HSL	295°, 56%, 70%
HSV	295°, 38%, 87%
XYZ	49.5869, 37.1249, 72.9589
YIQ	169.0120, 19.2030, 42.9710

Conversions

Conversions Part 2

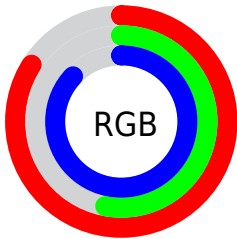
Format	Color
R_{YB}	214, 136, 221
Decimal	14059741
CIE _{Lab}	67.37, 43.16, -31.27
CIE _{LCh}	67, 53.294, 324.074
Yxy	37.1249, 0.3106, 0.2325
Android (android.graphics.Color)	4292249821 (0xFFD688DD)
YUV	169.0120, 25.6301, 39.4545
Hunter-Lab	60.9302, 38.6408, -28.3437

Details

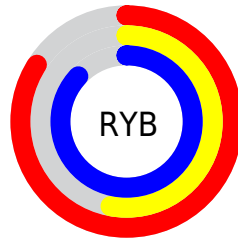
The YUV color **169.0120, 25.6301, 39.4545** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **187.9880, -25.6301, -39.4545**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4320, 18.5210, 32.9471**, and **115.4740, 24.9093, 37.2953** is the 20% darker color. If you saturate the color by 10%, you get **155.5000, 32.2915, 49.5505**, and if you desaturate by 10%, it is **182.5240, 18.9687, 29.3585**.

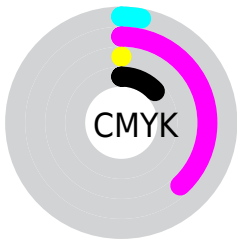
Distribution



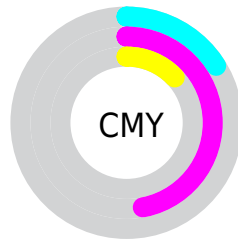
- Red (84%)
- Green (53%)
- Blue (87%)



- Red (84%)
- Yellow (53%)
- Blue (87%)



- Cyan (3%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0120, 25.6301, 39.4545 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 169.0120, 25.6301, 39.4545 by changing the saturation by 10% instead.

169.0120, 25.6301,
39.4545

169.0120, 25.6301,
39.4545

255.0000, 0.0000,
0.0000

142.1860, 25.0513,
38.4249

217.4320, 18.5210,
32.9471

115.4740, 24.9093,
37.2953

233.8680, 10.4181,
18.5328

89.6480, 24.3305,
36.2657

250.8910, 2.0257,
3.6036

63.3490, 24.4779,
35.6509

33.9410, 26.6511,
38.6397

23.2570, 20.5793,
26.0846

14.3560, 13.6285,

15.4738

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 169.0120, 25.6301,
39.4545

■ 169.0120, 25.6301,
39.4545

■ 155.5000, 32.2915,
49.5505

■ 182.5240, 18.9687,
29.3585

■ 141.9880, 38.9529,
59.6465

■ 196.0360, 12.3073,
19.2624

■ 128.7750, 45.4669,
70.3573

■ 209.2490, 5.7932,
8.5516

■ 115.2630, 52.1283,
80.4533

■ 222.7610, -0.8682,
-1.5444

101.1640, 59.0791,
91.0642

236.8600, -7.8190,
-12.1552

87.6520, 65.7406,
101.1602

242.1540,
-10.4289, -15.0441

85.8910, 66.6087,
102.7046

242.7520,
-10.7237, -13.8145

243.3500,
-11.0186, -12.5850

243.6490,
-11.1660, -11.9702

Harmonies

Analogous

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



164.8620, 42.9590, -12.1570



169.0120, 25.6301, 39.4545



166.1180, 4.8718, 70.9335

Triad

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



169.0120, 25.6301, 39.4545



159.9560, -46.8133, 35.1186



133.3840, 33.8277, -116.9778

Complementary

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



169.0120, 25.6301, 39.4545



187.9880, -25.6301, -39.4545

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.



127.2110, 12.7140, -111.5640



169.0120, 25.6301, 39.4545



155.5060, -41.1685, -2.1978

Square

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



169.0120, 25.6301, 39.4545



162.3630, -37.1540, 63.7026



147.4970, -20.9510, -46.9169



134.8950, 52.3098, -118.3029

Rectangle

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



169.0120, 25.6301, 39.4545



164.4490, -10.5744, 78.5362



147.4970, -20.9510, -46.9169



131.5600, 26.8389, -115.3781

Sweetspot

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



169.0120, 25.6301, 39.4545



235.9060, 9.4133, 14.1144



149.7990, 35.1021, -12.1017



116.8360, 5.5039, 8.0368



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.



169.0120, 25.6301, 39.4545



183.3310, 35.3328, 54.0837



167.1150, 9.3103, 47.2571



103.2440, 3.3307, 5.0480



67.2630, 52.1283, 80.4533



17.8020, 13.9016, 21.2216

Inverse Universe

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



162.2130, -9.4720, 51.5562



174.0090, -13.3154, 71.0291



189.8850, -9.3103, -47.2571



102.4030, -1.1847, 6.6626



53.3230, -19.3862, 104.9567



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 169.0120, 25.6301, 39.4545 looks on a white background.

Color Contrast Check

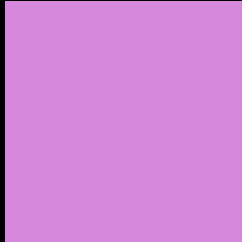
Large Text (above 18pt) WCAG AA × Fail

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 169.0120, 25.6301, 39.4545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

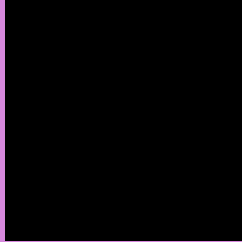
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.0120, 25.6301, 39.4545

Background



This preview shows how black text looks on a background with the YUV color 169.0120, 25.6301, 39.4545.



This preview shows how white text looks on a background with the YUV color 169.0120, 25.6301, 39.4545.

39.4545.

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

169.0120, 25.6301, 39.4545

Protanopia

163.8300, 38.0448, -22.6529

Deuteranopia

165.1660, 25.0612, -11.5466



Tritanopia

167.2970, -3.5974, 33.9425

Trichromacy



Original Color

169.0120, 25.6301, 39.4545



Protanomaly

166.1210, 33.4643, -0.1061



Deuteranomaly

166.9880, 25.1489, 7.0265



Tritanomaly

167.7670, 7.0169, 36.1613

Monochromacy



Original Color

169.0120, 25.6301, 39.4545



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.9060, 9.4133, 14.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0120, 25.6301, 39.4545 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(214, 136, 221)` looks like.

```
.text, #text, p{  
    color:rgb(214, 136, 221)  
}
```

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(214, 136, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 136, 221) }
```

Border

The CSS property to change the border of an element to YUV 169.0120, 25.6301, 39.4545 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(214, 136, 221) }
```


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

```
.border{ border-color:rgb(214, 136, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 136, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 136, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 136, 221);  
box-shadow:4px 4px 4px 4px rgb(214, 136,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 169.0120, 25.6301, 39.4545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 136, 221) }
```

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

```
.background{ background-color: rgb(214,  
136, 221) }
```

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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