

Converting Colors

YUV(173.3220, 25.4773,
41.8136)

Have a look what the booklet for
YUV(173.3220, 25.4773, 41.8136)
contains.

YUV(173.3220, 25.4773, 41.8136)	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(173.3220, 25.4773,
41.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8BE1
RGB	221, 139, 225
RGB Percent	87%, 55%, 88%
CMY	0.1333, 0.4549, 0.1176
CMYK	0.02, 0.38, 0.00, 0.12
HSL	297°, 59%, 71%
HSV	297°, 38%, 88%
XYZ	52.6420, 39.2736, 76.0402
YIQ	173.3220, 21.2660, 44.1300

Conversions

Conversions Part 2

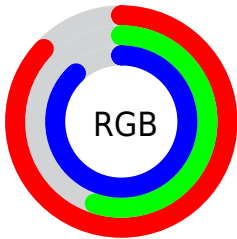
Format	Color
R _Y B	221, 139, 225
Decimal	14519265
CIE Lab	68.95, 44.46, -30.98
CIE LCh	69, 54.184, 325.129
Yxy	39.2736, 0.3134, 0.2338
Android (android.graphics.Color)	4292709345 (0xFFDD8BE1)
YUV	173.3220, 25.4773, 41.8136
Hunter-Lab	62.6687, 40.2708, -28.0725

Details

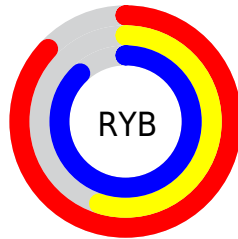
The YUV color **173.3220, 25.4773, 41.8136** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **190.6780, -25.4773, -41.8136**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **119.3710, 24.4671, 39.1396** is the 20% darker color. If you saturate the color by 10%, you get **160.1090, 31.9913, 52.5244**, and if you desaturate by 10%, it is **187.1220, 18.6739, 30.5880**.

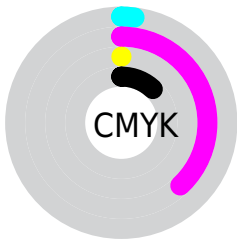
Distribution



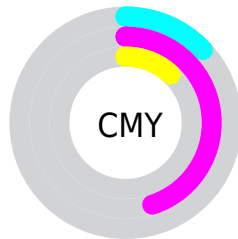
- Red (87%)
- Green (55%)
- Blue (88%)



- Red (87%)
- Yellow (55%)
- Blue (88%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)





- Cyan (13%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.3220, 25.4773, 41.8136 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 173.3220, 25.4773, 41.8136 by changing the saturation by 10% instead.


 173.3220, 25.4773,
41.8136


 173.3220, 25.4773,
41.8136


255.0000, 0.0000,
0.0000


 145.6100, 25.3353,
40.6840


 219.1930, 17.6529,
31.4027


 119.3710, 24.4671,
39.1396


 235.6290, 9.5499,
16.9884

 93.0720, 24.6145,
38.5249

 252.6520, 1.1576,
2.0592

 66.7730, 24.7619,
37.9101

 37.3650, 26.9351,
40.8989

 25.3930, 21.0053,
29.4733

 16.6060, 14.4912,

18.7625

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 173.3220, 25.4773,
41.8136

■ 173.3220, 25.4773,
41.8136

■ 160.1090, 31.9913,
52.5244

■ 187.1220, 18.6739,
30.5880

■ 146.3090, 38.7947,
63.7500

■ 200.3350, 12.1598,
19.8772

■ 132.5090, 45.5981,
74.9756

■ 214.1350, 5.3564,
8.6516

■ 119.2960, 52.1121,
85.6864

■ 227.3480, -1.1576,
-2.0592

■ 105.4960, 58.9155,
96.9120

■ 240.5610, -7.6716,
-12.7700

■ 92.2830, 65.4295,
107.6228

■ 243.2080, -8.9765,
-14.2144

■ 89.9350, 66.5870,
109.6820

■ 243.5070, -9.1240,
-13.5996

■ 243.8060, -9.2714,
-12.9849

■ 244.1050, -9.4188,
-12.3701

Harmonies

Analogous

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



169.6450, 42.0800, -10.2127



173.3220, 25.4773, 41.8136



170.2000, 3.8454, 73.4926

Triad

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



173.3220, 25.4773, 41.8136



163.9020, -48.2657, 34.2889



136.4160, 35.2909, -119.6368

Complementary

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



173.3220, 25.4773, 41.8136



190.6780, -25.4773, -41.8136

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.



130.7160, 13.4510, -114.6379



173.3220, 25.4773, 41.8136



159.3810, -41.5998, -3.8421

Square

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



173.3220, 25.4773, 41.8136



167.0210, -38.4644, 64.0026



151.0020, -20.2140, -49.9908



138.0410, 54.2098, -121.0620

Rectangle

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



173.3220, 25.4773, 41.8136



166.7370, -10.7163, 77.4067



151.0020, -20.2140, -49.9908



135.1790, 28.0128, -118.5520

Sweetspot

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



173.3220, 25.4773, 41.8136



238.2650, 8.2504, 13.7996



151.1520, 36.4071, -10.6573



117.7220, 5.0671, 8.1368



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.



173.3220, 25.4773, 41.8136



184.8260, 34.5958, 57.1576



170.0720, 7.8525, 48.1719



105.5430, 3.1833, 5.6628



70.2960, 52.1121, 85.6864



19.2260, 14.1856, 23.4808

Inverse Universe

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



165.1700, -10.9298, 52.4709



173.5530, -15.0626, 71.4290



193.9280, -7.8525, -48.1719



104.4030, -1.1847, 6.6626



53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 173.3220, 25.4773, 41.8136 looks on a white background.

Color Contrast Check

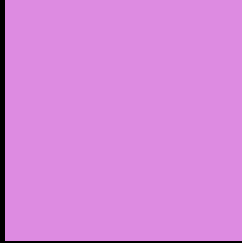
Large Text (above 18pt) WCAG AA × Fail

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 173.3220, 25.4773, 41.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

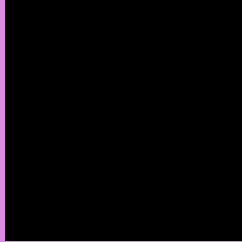
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.3220, 25.4773, 41.8136

Background



This preview shows how black text looks on a background with the YUV color 173.3220, 25.4773, 41.8136.



This preview shows how white text looks on a background with the YUV color 173.3220, 25.4773,

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

173.3220, 25.4773, 41.8136

Protanopia

167.9440, 38.4816, -22.7529

Deuteranopia

169.4650, 24.9138, -10.9318



Tritanopia

171.6070, -3.7503, 36.3017

Trichromacy



Original Color

173.3220, 25.4773, 41.8136



Protanomaly

169.8330, 33.6063, 1.0235



Deuteranomaly

170.7000, 25.2909, 8.1561



Tritanomaly

172.0770, 6.8640, 38.5205

Monochromacy



Original Color

173.3220, 25.4773, 41.8136



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.2050, 9.2659, 14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3220, 25.4773, 41.8136 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(221, 139, 225)` looks like.

```
.text, #text, p{  
    color:rgb(221, 139, 225)  
}
```

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(221, 139, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 139, 225) }
```

Border

The CSS property to change the border of an element to YUV 173.3220, 25.4773, 41.8136 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(221, 139, 225) }
```


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

```
.border{ border-color:rgb(221, 139, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 139, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 139, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 139, 225);  
box-shadow:4px 4px 4px 4px rgb(221, 139,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 173.3220, 25.4773, 41.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 139, 225) }
```

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

```
.background{ background-color: rgb(221,  
139, 225) }
```

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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