

Converting Colors

YUV(177.4250, 25.9195,
39.9693)

Have a look what the booklet for
YUV(177.4250, 25.9195, 39.9693)
contains.

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Color

**YUV(177.4250, 25.9195,
39.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	DF90E6
RGB	223, 144, 230
RGB Percent	87%, 56%, 90%
CMY	0.1255, 0.4353, 0.0980
CMYK	0.03, 0.37, 0.00, 0.10
HSL	295°, 63%, 73%
HSV	295°, 37%, 90%
XYZ	54.6876, 41.3477, 79.9615
YIQ	177.4250, 19.4780, 43.4940

Conversions

Conversions Part 2

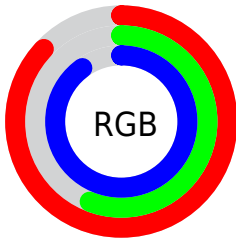
Format	Color
RYB	223, 144, 230
Decimal	14651622
CIELab	70.42, 43.37, -31.44
CIELCh	70, 53.570, 324.058
Yxy	41.3477, 0.3107, 0.2349
Android (android.graphics.Color)	4292841702 (0xFFDF90E6)
YUV	177.4250, 25.9195, 39.9693
Hunter-Lab	64.3021, 39.2817, -28.7172

Details

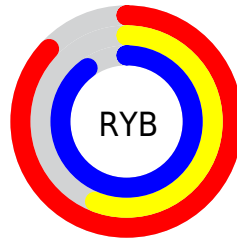
The YUV color $177.4250, 25.9195, 39.9693$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $196.5750, -25.9195, -39.9693$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.1280, 16.2059, 28.8287$, and $122.8870, 25.1987, 37.8101$ is the 20% darker color. If you saturate the color by 10%, you get $163.3260, 32.8703, 50.5801$, and if you desaturate by 10%, it is $191.5240, 18.9687, 29.3585$.

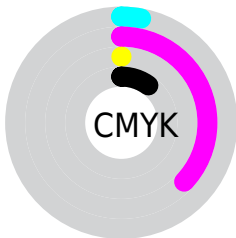
Distribution



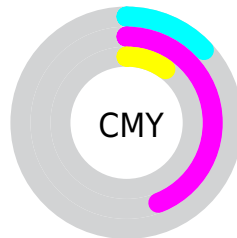
- Red (87%)
- Green (56%)
- Blue (90%)



- Red (87%)
- Yellow (56%)
- Blue (90%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.4250, 25.9195, 39.9693 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 177.4250, 25.9195, 39.9693 by changing the saturation by 10% instead.

177.4250, 25.9195,
39.9693

177.4250, 25.9195,
39.9693

255.0000, 0.0000,
0.0000

149.7130, 25.7775,
38.8397

222.1280, 16.2059,
28.8287

122.8870, 25.1987,
37.8101

239.1510, 7.8136,
13.8996

97.0610, 24.6199,
36.7805

71.3490, 24.4779,
35.6509

43.7020, 25.7829,
37.0953

26.4470, 22.4576,
30.3030

17.5460, 15.5068,

19.6922

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

■ 177.4250, 25.9195,
39.9693

■ 177.4250, 25.9195,
39.9693

■ 163.3260, 32.8703,
50.5801

■ 191.5240, 18.9687,
29.3585

■ 149.2270, 39.8211,
61.1909

■ 205.6230, 12.0179,
18.7476

■ 135.1280, 46.7719,
71.8017

■ 219.7220, 5.0671,
8.1368

■ 121.3280, 53.5753,
83.0273

■ 233.5220, -1.7363,
-3.0888

107.2290, 60.5261,
93.6382

245.2730, -7.5296,
-11.6404

93.1300, 67.4769,
104.2490

245.8710, -7.8244,
-10.4109

89.3090, 69.3607,
106.7230

246.4690, -8.1192,
-9.1813

247.0670, -8.4140,
-7.9518

247.6650, -8.7088,
-6.7222

Harmonies

Analogous

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



172.5910, 40.6276, -11.0423



177.4250, 25.9195, 39.9693



174.1180, 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.



177.4250, 25.9195, 39.9693



168.1410, -47.3975, 35.8333



138.9920, 35.0069, -121.8960

Complementary

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



177.4250, 25.9195, 39.9693



196.5750, -25.9195, -39.9693

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.



133.4060, 13.6038, -116.9971



177.4250, 25.9195, 39.9693



163.3920, -41.6053, -2.0978

Square

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



177.4250, 25.9195, 39.9693



170.5480, -37.7382, 64.4174



155.4970, -20.9510, -46.9169



140.6170, 53.9258, -123.3211

Rectangle

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



177.4250, 25.9195, 39.9693



170.3560, -9.5425, 74.2328



155.4970, -20.9510, -46.9169



137.7550, 27.7288, -120.8111

Sweetspot

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



177.4250, 25.9195, 39.9693



237.9660, 8.3978, 13.1848



157.9130, 35.5389, -12.2017



117.4230, 5.2145, 7.5220



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.



177.4250, 25.9195, 39.9693



184.8040, 34.6066, 53.6689



175.4140, 9.1629, 47.8719



107.6570, 3.6201, 5.5628



69.4420, 54.0121, 82.9274



19.8670, 15.3486, 23.7956

Inverse Universe

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



170.5120, -9.6194, 52.1710



175.5250, -12.5838, 69.6996



198.5860, -9.1629, -47.8719



106.7020, -1.3321, 7.2773



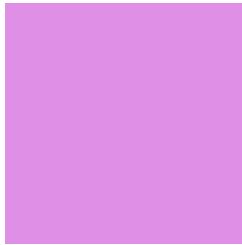
55.2310, -19.8339, 108.5454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 177.4250, 25.9195, 39.9693 looks on a white background.

Color Contrast Check

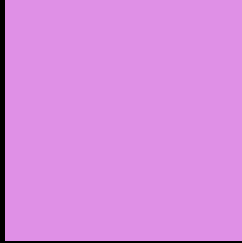
Large Text (above 18pt) WCAG AA × Fail

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 177.4250, 25.9195, 39.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

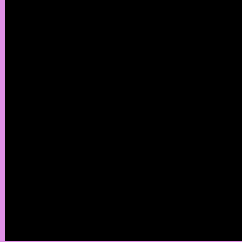
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.4250, 25.9195, 39.9693

Background



This preview shows how black text looks on a background with the YUV color 177.4250, 25.9195, 39.9693.



This preview shows how white text looks on a background with the YUV color 177.4250, 25.9195,

39.9693.

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

177.4250, 25.9195, 39.9693

Protanopia

171.9440, 38.4816, -22.7529

Deuteranopia

173.5790, 25.3506, -11.0318



Tritanopia

175.7100, -3.3080, 34.4573

Trichromacy



Original Color

177.4250, 25.9195, 39.9693



Protanomaly

174.2350, 33.9011, -0.2061



Deuteranomaly

175.4010, 25.4383, 7.5413



Tritanomaly

176.1800, 7.3063, 36.6761

Monochromacy



Original Color

177.4250, 25.9195, 39.9693



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.2050, 9.2659, 14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.4250, 25.9195, 39.9693 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(223, 144, 230)` looks like.

```
.text, #text, p{  
    color:rgb(223, 144, 230)  
}
```

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(223, 144, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 144, 230) }
```

Border

The CSS property to change the border of an element to YUV 177.4250, 25.9195, 39.9693 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(223, 144, 230) }
```


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

```
.border{ border-color:rgb(223, 144, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 144, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 144, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 144, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 144,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 177.4250, 25.9195, 39.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 144, 230) }
```

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

```
.background{ background-color: rgb(223,  
144, 230) }
```

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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