

Converting Colors

YUV(171.3120, 37.3142,
25.1594)

Have a look what the booklet for
YUV(171.3120, 37.3142, 25.1594)
contains.

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Color

**YUV(171.3120, 37.3142,
25.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	C88EF7
RGB	200, 142, 247
RGB Percent	78%, 56%, 97%
CMY	0.2157, 0.4431, 0.0314
CMYK	0.19, 0.43, 0.00, 0.03
HSL	273°, 87%, 76%
HSV	273°, 43%, 97%
XYZ	50.2809, 38.3408, 92.7461
YIQ	171.3120, 0.8630, 44.9510

Conversions

Conversions Part 2

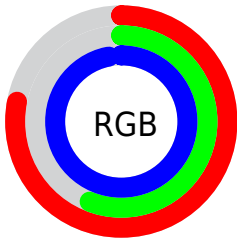
Format	Color
R _{YB}	200, 142, 247
Decimal	13143799
CIE _{Lab}	68.27, 41.14, -44.29
CIE _{LCh}	68, 60.454, 312.890
Yxy	38.3408, 0.2772, 0.2114
Android (android.graphics.Color)	4291333879 (0xFFC88EF7)
YUV	171.3120, 37.3142, 25.1594
Hunter-Lab	61.9199, 36.5878, -45.4630

Details

The YUV color **171.3120, 37.3142, 25.1594** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **217.6880, -37.3142, -25.1594**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **117.5460, 35.7198, 23.2002** is the 20% darker color. If you saturate the color by 10%, you get **153.3480, 46.1704, 31.2668**, and if you desaturate by 10%, it is **189.2760, 28.4579, 19.0519**.

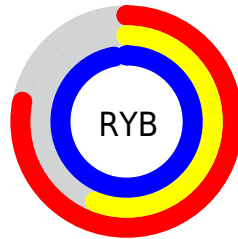
Distribution



Red (78%)

Green (56%)

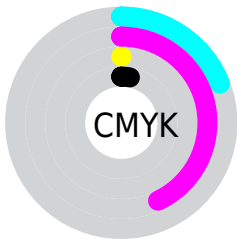
Blue (97%)



Red (78%)

Yellow (56%)

Blue (97%)

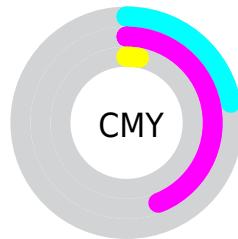


Cyan (19%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (22%)


Magenta (44%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.3120, 37.3142, 25.1594 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 171.3120, 37.3142, 25.1594 by changing the saturation by 10% instead.

 171.3120, 37.3142,
25.1594

 171.3120, 37.3142,
25.1594


255.0000, 0.0000,
0.0000

 144.3720, 36.2986,
24.2298


 220.9540, 16.7847,
29.8583


 117.5460, 35.7198,
23.2002

 237.3900, 8.6817,
15.4440

 91.7200, 35.1410,
22.1706

254.4130, 0.2894,
0.5148

 66.4810, 34.2729,
20.6262

 41.0680, 33.9835,
20.1114

 20.7530, 31.6738,
14.2486

 11.2540, 25.0178,

2.4082

■ 6.0930, 15.7302,
-5.3436

■ 2.4110, 6.6994,
-2.1144

■ 171.3120, 37.3142,
25.1594

■ 171.3120, 37.3142,
25.1594

■ 153.3480, 46.1704,
31.2668

■ 189.2760, 28.4579,
19.0519

■ 135.9710, 54.7373,
36.8594

■ 206.6530, 19.8911,
13.4593

■ 118.0070, 63.5935,
42.9669

■ 224.6170, 11.0348,
7.3519

■ 100.0430, 72.4498,
49.0743

■ 242.5810, 2.1786,
1.2445

■ 82.6660, 81.0167,
54.6669

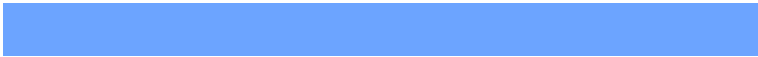
■ 254.0880, -3.4944,
0.7998

■ 68.8220, 87.8418,
58.9151

Harmonies

Analogous

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



157.6300, 48.0034, -43.5255



171.3120, 37.3142, 25.1594



169.1640, 15.2021, 70.8932

Triad

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



171.3120, 37.3142, 25.1594



162.2140, -51.3775, 52.4323



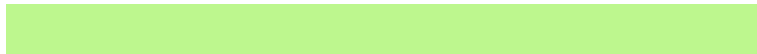
134.8370, 26.7024, -118.2520

Complementary

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



171.3120, 37.3142, 25.1594



217.6880, -37.3142, -25.1594

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.



127.1650, 2.3837, -111.5237



171.3120, 37.3142, 25.1594



158.2170, -52.8580, 13.8417

Square

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



171.3120, 37.3142, 25.1594



163.8580, -34.4400, 79.9315



151.1430, -34.0875, -33.4514



138.8900, 49.8472, -121.8065

Rectangle

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



171.3120, 37.3142, 25.1594



162.9190, 0.0399, 80.7550



151.1430, -34.0875, -33.4514



132.6710, 18.4032, -116.3525

Sweetspot

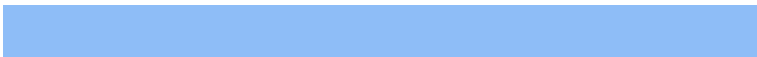
The Sweet Spot groups the original color and five complimentary colors.



171.3120, 37.3142, 25.1594



231.1440, 11.7610, 7.7667



181.5590, 32.2624, -34.6932



112.6830, 7.5513, 4.6630



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.



171.3120, 37.3142, 25.1594



161.3480, 46.1704, 31.2668



184.7950, 28.2021, 54.5538



113.4610, 4.2097, 3.1037



52.0010, 66.0615, 44.7261



16.2940, 21.0541, 13.7742

Inverse Universe

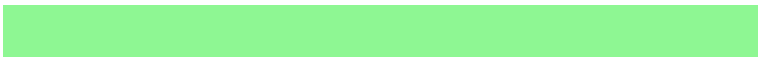
The Inverse Universe completely reimagines the original color for something new.



178.7530, 5.0518, 59.8526



170.4820, 6.1714, 74.1223



204.2050, -28.2021, -54.5538



114.2720, 0.8519, 6.7775



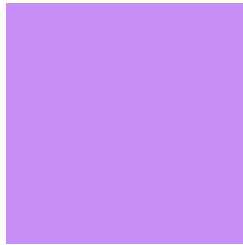
65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 171.3120, 37.3142, 25.1594 looks on a white background.

Color Contrast Check

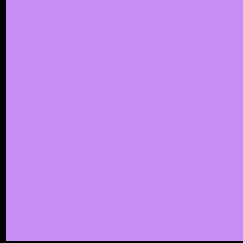
Large Text (above 18pt) WCAG AA × Fail

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 171.3120, 37.3142, 25.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

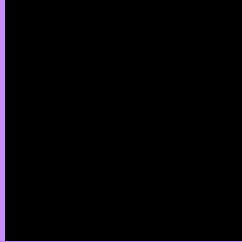
Any Text WCAG AA ✓ Pass

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 171.3120, 37.3142, 25.1594 Background



This preview shows how black text looks on a background with the YUV color 171.3120, 37.3142, 25.1594.



This preview shows how white text looks on a background with the YUV color 171.3120, 37.3142,

25.1594.

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

171.3120, 37.3142, 25.1594

Protanopia

165.4040, 44.1708, -27.5413

Deuteranopia

165.1070, 37.9082, -25.5268



Tritanopia

168.7400, 1.1142, 16.0140

Trichromacy



Original Color

171.3120, 37.3142, 25.1594

Protanomaly

167.5420, 41.6378, -8.3683

Deuteranomaly

167.5160, 37.7066, -7.4685

Tritanomaly

169.9050, 14.3438, 19.3773

Monochromacy



Original Color

171.3120, 37.3142, 25.1594

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0240, 13.7922, 9.6260

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3120, 37.3142, 25.1594 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(200, 142, 247)` looks like.

```
.text, #text, p{  
    color:rgb(200, 142, 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(200, 142, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 142, 247) }
```

Border

The CSS property to change the border of an element to YUV 171.3120, 37.3142, 25.1594 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(200, 142, 247) }
```


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

```
.border{ border-color:rgb(200, 142, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 142, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 142, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 142, 247);  
box-shadow:4px 4px 4px 4px rgb(200, 142,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 171.3120, 37.3142, 25.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 142, 247) }
```

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

```
.background{ background-color: rgb(200,  
142, 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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