

Converting Colors

YUV(166.3460, 32.3674,
25.1296)

Have a look what the booklet for
YUV(166.3460, 32.3674, 25.1296)
contains.

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Color

**YUV(166.3460, 32.3674,
25.1296)**

Conversions

Conversions Part 1

Format	Color
Hex	C38BE8
RGB	195, 139, 232
RGB Percent	76%, 55%, 91%
CMY	0.2353, 0.4549, 0.0902
CMYK	0.16, 0.40, 0.00, 0.09
HSL	276°, 67%, 73%
HSV	276°, 40%, 91%
XYZ	46.3038, 35.8935, 80.8316
YIQ	166.3460, 3.5230, 40.7950

Conversions

Conversions Part 2

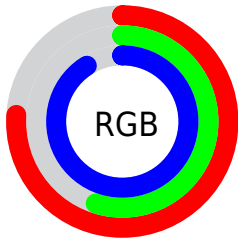
Format	Color
R _Y B	195, 139, 232
Decimal	12815336
CIE Lab	66.44, 38.09, -38.96
CIE LCh	66, 54.483, 314.352
Yxy	35.8935, 0.2840, 0.2202
Android (android.graphics.Color)	4291005416 (0xFFC38BE8)
YUV	166.3460, 32.3674, 25.1296
Hunter-Lab	59.9112, 33.1133, -38.0556

Details

The YUV color **166.3460, 32.3674, 25.1296** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **204.6540, -32.3674, -25.1296**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0080, 18.2371, 30.6880**, and **113.5800, 30.7731, 23.1703** is the 20% darker color. If you saturate the color by 10%, you get **150.1540, 40.3501, 31.4369**, and if you desaturate by 10%, it is **182.5380, 24.3848, 18.8222**.

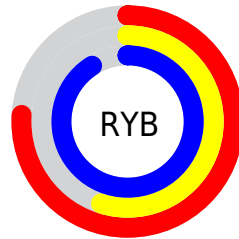
Distribution



Red (76%)

Green (55%)

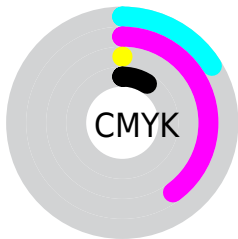
Blue (91%)



Red (76%)

Yellow (55%)

Blue (91%)

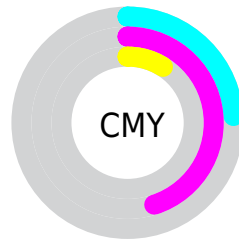


Cyan (16%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (24%)


Magenta (45%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.3460, 32.3674, 25.1296 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 166.3460, 32.3674, 25.1296 by changing the saturation by 10% instead.


 166.3460, 32.3674,
25.1296


 166.3460, 32.3674,
25.1296


255.0000, 0.0000,
0.0000


 139.5200, 31.7886,
24.1000


 218.0080, 18.2371,
30.6880


 113.5800, 30.7731,
23.1703


 235.6290, 9.5499,
16.9884

 87.7540, 30.1943,
22.1407

 252.0650, 1.4470,
2.5740

 62.9280, 29.6155,
21.1111

 37.5150, 29.3261,
20.5963

 19.0860, 26.5796,
14.8336

 8.6900, 20.3658,

1.1489

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 166.3460, 32.3674,
25.1296

■ 166.3460, 32.3674,
25.1296

■ 150.1540, 40.3501,
31.4369

■ 182.5380, 24.3848,
18.8222

■ 133.9620, 48.3327,
37.7443

■ 198.7300, 16.4021,
12.5148

■ 116.8840, 56.7522,
43.9517

■ 215.8080, 7.9827,
6.3074

■ 100.6920, 64.7348,
50.2591

■ 232.0000, 0.0000,
0.0000

84.5000, 72.7175,
56.5665

248.1920, -7.9827,
-6.3074

68.3080, 80.7002,
62.8739

250.8830, -9.3093,
-0.7744

252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



157.6850, 47.9763, -34.8037



166.3460, 32.3674, 25.1296



164.3220, 12.1663, 64.6156

Triad

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



166.3460, 32.3674, 25.1296



158.1360, -46.4090, 45.4847



130.1580, 26.5441, -114.1486

Complementary

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



166.3460, 32.3674, 25.1296



204.6540, -32.3674, -25.1296

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.



123.1700, 4.8462, -108.0201



166.3460, 32.3674, 25.1296



154.3290, -46.0112, 11.1125

Square

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



166.3460, 32.3674, 25.1296



159.7860, -31.9395, 71.2247



148.0060, -29.5830, -31.5773



133.5270, 47.0682, -117.1032

Rectangle

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



166.3460, 32.3674, 25.1296



162.0990, -3.0068, 77.9662



148.0060, -29.5830, -31.5773



128.2200, 19.1185, -112.4489

Sweetspot

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



166.3460, 32.3674, 25.1296



233.2150, 10.7400, 8.5814



171.3210, 29.9147, -28.3455



115.0420, 6.3883, 4.3482



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.



166.3460, 32.3674, 25.1296



168.7350, 42.5286, 32.6814



176.3830, 22.9822, 48.7761



106.4610, 4.2097, 3.1037



52.3990, 62.4143, 47.8851



15.0830, 17.7071, 13.9592

Inverse Universe

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



171.0250, 2.4527, 53.4751



174.9500, 2.9827, 70.2039



194.6170, -22.9822, -48.7761



107.1580, 0.4151, 6.8774



61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 166.3460, 32.3674, 25.1296 looks on a white background.

Color Contrast Check

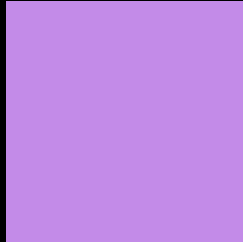
Large Text (above 18pt) WCAG AA × Fail

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 166.3460, 32.3674, 25.1296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

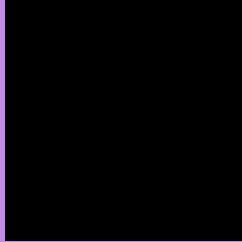
Any Text WCAG AA ✓ Pass

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 166.3460, 32.3674, 25.1296 Background



This preview shows how black text looks on a background with the YUV color 166.3460, 32.3674, 25.1296.



This preview shows how white text looks on a background with the YUV color 166.3460, 32.3674,

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

166.3460, 32.3674, 25.1296

Protanopia

160.4750, 43.1498, -26.7266

Deuteranopia

161.1740, 32.9452, -20.3236



Tritanopia

163.6370, 0.6720, 17.8584

Trichromacy



Original Color

166.3460, 32.3674, 25.1296



Protanomaly

162.8580, 39.0170, -7.7685



Deuteranomaly

162.8710, 32.6016, -3.3949



Tritanomaly

164.6340, 12.0124, 20.4920

Monochromacy



Original Color

166.3460, 32.3674, 25.1296



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.1550, 11.7556, 9.5111

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3460, 32.3674, 25.1296 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(195, 139, 232)` looks like.

```
.text, #text, p{  
    color:rgb(195, 139, 232)  
}
```

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(195, 139, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 139, 232) }
```

Border

The CSS property to change the border of an element to YUV 166.3460, 32.3674, 25.1296 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(195, 139, 232) }
```


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

```
.border{ border-color:rgb(195, 139, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 139, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 139, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 139, 232); box-shadow:4px 4px 4px 4px rgb(195, 139, 232) }
```

Background

The CSS property to change the background color of an element to YUV 166.3460, 32.3674, 25.1296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 139, 232) }
```

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

```
.background{ background-color: rgb(195,  
139, 232) }
```

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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