

Converting Colors

YUV(196.1250, 24.0954,
18.3074)

Have a look what the booklet for
YUV(196.1250, 24.0954, 18.3074)
contains.

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Color

**YUV(196.1250, 24.0954,
18.3074)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B0F5
RGB	217, 176, 245
RGB Percent	85%, 69%, 96%
CMY	0.1490, 0.3098, 0.0392
CMYK	0.11, 0.28, 0.00, 0.04
HSL	276°, 78%, 83%
HSV	276°, 28%, 96%
XYZ	60.6220, 52.3950, 93.3043
YIQ	196.1250, 2.2870, 30.1510

Conversions

Conversions Part 2

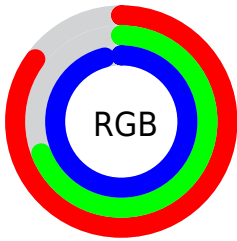
Format	Color
RYB	217, 176, 245
Decimal	14266613
CIELab	77.52, 27.31, -28.73
CIELCh	78, 39.638, 313.544
Yxy	52.3950, 0.2938, 0.2539
Android (android.graphics.Color)	4292456693 (0xFFD9B0F5)
YUV	196.1250, 24.0954, 18.3074
Hunter-Lab	72.3844, 22.8215, -25.7565

Details

The YUV color **196.1250, 24.0954, 18.3074** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **224.8750, -24.0954, -18.3074**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **141.8860, 23.2272, 16.7630** is the 20% darker color. If you saturate the color by 10%, you get **178.4600, 32.8042, 25.0296**, and if you desaturate by 10%, it is **213.7900, 15.3865, 11.5852**.

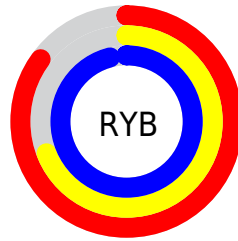
Distribution



Red (85%)

Green (69%)

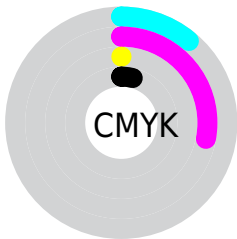
Blue (96%)



Red (85%)

Yellow (69%)

Blue (96%)

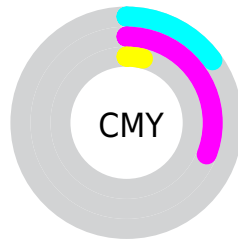


Cyan (11%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (15%)


Magenta (31%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.1250, 24.0954, 18.3074 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 196.1250, 24.0954, 18.3074 by changing the saturation by 10% instead.


 196.1250, 24.0954,
18.3074


 196.1250, 24.0954,
18.3074


255.0000, 0.0000,
0.0000


 168.5980, 23.3692,
17.8926


 241.4990, 6.6560,
11.8404

 141.8860, 23.2272,
16.7630

 116.2450, 22.0642,
16.4481

 91.4190, 21.4854,
15.4185

 66.5930, 20.9067,
14.3889

 43.7670, 20.3279,
13.3593

 20.9410, 19.7491,

12.3297

■ 8.0340, 15.2662,
3.4782

■ 2.4110, 6.6994,
-2.1144

■ 196.1250, 24.0954,
18.3074

■ 196.1250, 24.0954,
18.3074

■ 178.4600, 32.8042,
25.0296

■ 213.7900, 15.3865,
11.5852

■ 161.3820, 41.2237,
31.2370

■ 230.8680, 6.9671,
5.3778

■ 143.7170, 49.9325,
37.9592

■ 248.5330, -1.7418,
-1.3444

■ 126.6390, 58.3520,
44.1666

■ 253.8600, -4.3680,
0.9998

■ 108.9740, 67.0608,
50.8888

■ 91.8960, 75.4803,
57.0962

■ 74.8180, 83.8997,
63.3036

■ 71.5840, 85.4941,
65.2628

Harmonies

Analogous

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



189.6470, 32.2190, -20.7384



196.1250, 24.0954, 18.3074



196.7730, 7.9999, 47.5571

Triad

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



196.1250, 24.0954, 18.3074



190.5940, -34.3098, 38.0671



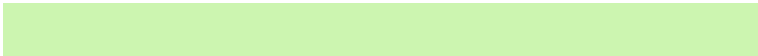
166.5910, 19.9216, -89.9723

Complementary

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



196.1250, 24.0954, 18.3074



224.8750, -24.0954, -18.3074

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.



176.3230, -3.6102, -55.5343



196.1250, 24.0954, 18.3074



187.5320, -33.7863, 10.0574

Square

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



196.1250, 24.0954, 18.3074



192.3370, -24.3231, 54.9555



182.6080, -22.4847, -21.5812



164.5200, 37.7046, -100.4340

Rectangle

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



196.1250, 24.0954, 18.3074



193.3580, -2.6415, 54.0600



182.6080, -22.4847, -21.5812



170.0070, 12.3215, -78.9361

Sweetspot

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



196.1250, 24.0954, 18.3074



240.8680, 6.9671, 5.3778



200.8890, 21.7467, -21.8277



118.5750, 4.6465, 3.0037



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.



196.1250, 24.0954, 18.3074



193.4660, 30.3363, 23.2703



203.8130, 17.3472, 36.1210



113.4610, 4.2097, 3.1037



54.3930, 64.8823, 49.6443



17.1910, 20.6118, 15.6185

Inverse Universe

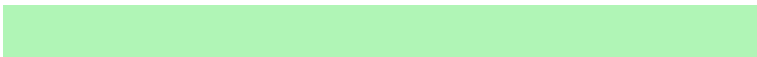
The Inverse Universe completely reimagines the original color for something new.



199.8230, 2.0593, 39.6202



198.0030, 2.4635, 49.9864



217.1870, -17.3472, -36.1210



114.1580, 0.4151, 6.8774



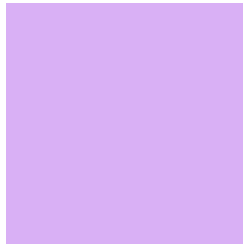
64.2780, 5.7789, 106.7502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 196.1250, 24.0954, 18.3074 looks on a white background.

Color Contrast Check

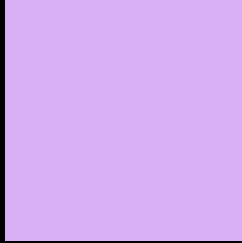
Large Text (above 18pt) WCAG AA × Fail

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 196.1250, 24.0954, 18.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

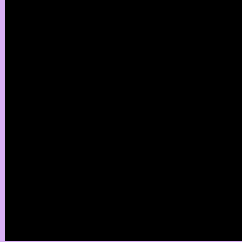
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.1250, 24.0954, 18.3074

Background



This preview shows how black text looks on a background with the YUV color 196.1250, 24.0954, 18.3074.



This preview shows how white text looks on a background with the YUV color 196.1250, 24.0954,

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

196.1250, 24.0954, 18.3074

Protanopia

192.0390, 31.0398, -15.8202

Deuteranopia

193.0740, 24.6135, -7.9579



Tritanopia

194.0710, 2.4300, 13.9697

Trichromacy



Original Color

196.1250, 24.0954, 18.3074

Protanomaly

193.4320, 28.3810, -3.0099

Deuteranomaly

194.4280, 24.4390, 1.3786

Tritanomaly

195.1450, 10.2815, 15.6588

Monochromacy



Original Color

196.1250, 24.0954, 18.3074

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.3350, 8.7088, 6.7222

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.1250, 24.0954, 18.3074 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(217, 176, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 176, 245)  
}
```

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(217, 176, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 176, 245) }
```

Border

The CSS property to change the border of an element to YUV 196.1250, 24.0954, 18.3074 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(217, 176, 245) }
```


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

```
.border{ border-color:rgb(217, 176, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 176, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 176, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 176, 245);  
box-shadow:4px 4px 4px 4px rgb(217, 176,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 196.1250, 24.0954, 18.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 176, 245) }
```

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

```
.background{ background-color: rgb(217,  
176, 245) }
```

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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