

Converting Colors

YUV(188.2280, 24.5376,
16.4630)

Have a look what the booklet for
YUV(188.2280, 24.5376, 16.4630)
contains.

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Color

**YUV(188.2280, 24.5376,
16.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA9EE
RGB	207, 169, 238
RGB Percent	81%, 66%, 93%
CMY	0.1882, 0.3373, 0.0667
CMYK	0.13, 0.29, 0.00, 0.07
HSL	273°, 67%, 80%
HSV	273°, 29%, 93%
XYZ	55.3527, 47.8144, 87.2006
YIQ	188.2280, 0.4990, 29.5150

Conversions

Conversions Part 2

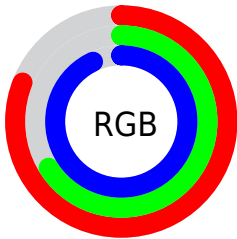
Format	Color
R _Y B	207, 169, 238
Decimal	13609454
CIE Lab	74.71, 26.56, -29.34
CIE LCh	75, 39.577, 312.159
Yxy	47.8144, 0.2908, 0.2512
Android (android.graphics.Color)	4291799534 (0xFFCFA9EE)
YUV	188.2280, 24.5376, 16.4630
Hunter-Lab	69.1479, 21.8798, -26.3655

Details

The YUV color $188.2280, 24.5376, 16.4630$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $218.7720, -24.5376, -16.4630$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.8030, 8.9711, 15.9588$, and $134.8750, 23.2326, 15.0186$ is the 20% darker color. If you saturate the color by 10%, you get $170.8510, 33.1045, 22.0557$, and if you desaturate by 10%, it is $205.6050, 15.9707, 10.8704$.

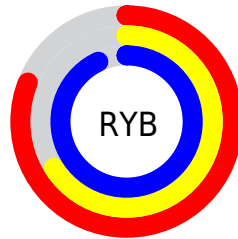
Distribution



Red (81%)

Green (66%)

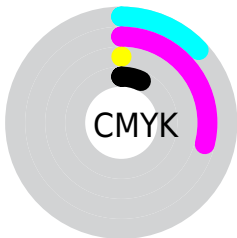
Blue (93%)



Red (81%)

Yellow (66%)

Blue (93%)

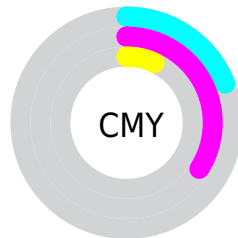


Cyan (13%)

Magenta (29%)

Yellow (0%)

Black (7%)



Cyan (19%)

Magenta (34%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2280, 24.5376, 16.4630 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 188.2280, 24.5376, 16.4630 by changing the saturation by 10% instead.

188.2280, 24.5376,
16.4630

188.2280, 24.5376,
16.4630

255.0000, 0.0000,
0.0000

160.8150, 24.2482,
15.9482

236.8030, 8.9711,
15.9588

134.8750, 23.2326,
15.0186

253.8260, 0.5788,
1.0296

109.0490, 22.6538,
13.9890

84.5220, 21.9277,
13.5742

60.5820, 20.9121,
12.6446

37.7560, 20.3333,
11.6150

14.7560, 20.3333,

11.6150

■ 3.8760, 14.8511,
-3.3993

■ 0.7980, 3.0576,
-0.6998

■ 188.2280, 24.5376,
16.4630

■ 188.2280, 24.5376,
16.4630

■ 170.8510, 33.1045,
22.0557

■ 205.6050, 15.9707,
10.8704

■ 153.7730, 41.5239,
28.2631

■ 222.6830, 7.5513,
4.6630

■ 136.9830, 49.8014,
33.3409

■ 239.4730, -0.7262,
-0.4148

■ 119.6060, 58.3682,
38.9335

■ 251.5670, -6.6885,
-1.3743

■ 102.5280, 66.7877,
45.1409

■ 253.0620, -7.4256,
1.6996

■ 85.1510, 75.3546,
50.7336

■ 67.7740, 83.9214,
56.3262

■ 66.3010, 84.6476,
56.7410

Harmonies

Analogous

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



182.5480, 35.7188, -23.2826



188.2280, 24.5376, 16.4630



188.4030, 9.1683, 46.1276

Triad

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



188.2280, 24.5376, 16.4630



183.1210, -33.5837, 38.4819



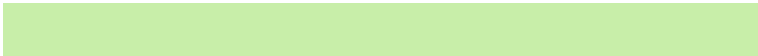
158.4770, 19.4848, -89.8723

Complementary

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



188.2280, 24.5376, 16.4630



218.7720, -24.5376, -16.4630

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.



168.8070, -4.3419, -54.2047



188.2280, 24.5376, 16.4630



179.6570, -33.3549, 11.7018

Square

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



188.2280, 24.5376, 16.4630



185.1630, -23.7444, 55.9850



175.5050, -22.9270, -19.7369



154.3020, 38.3051, -106.3819

Rectangle

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



188.2280, 24.5376, 16.4630



187.4940, -2.2155, 57.4488



175.5050, -22.9270, -19.7369



162.0780, 11.3005, -78.1214

Sweetspot

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



188.2280, 24.5376, 16.4630



238.5090, 8.1301, 5.6926



195.0630, 21.1679, -22.8573



117.1020, 5.3727, 3.4185



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.



188.2280, 24.5376, 16.4630



190.7970, 31.6521, 21.2260



197.1550, 18.6576, 35.8211



111.1620, 4.3571, 2.4889



51.1750, 65.4827, 43.6965



15.6530, 19.8911, 13.4593

Inverse Universe

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



193.1650, 3.3697, 39.3203



197.1710, 4.3527, 50.7160



209.8450, -18.6576, -35.8211



112.1580, 0.4151, 6.8774



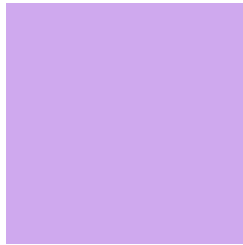
64.3640, 8.6945, 104.9208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 188.2280, 24.5376, 16.4630 looks on a white background.

Color Contrast Check

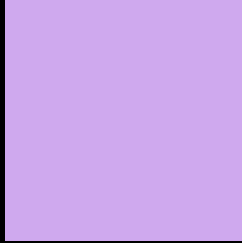
Large Text (above 18pt) WCAG AA × Fail

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 188.2280, 24.5376, 16.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

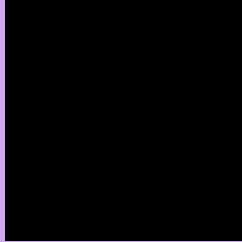
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.2280, 24.5376, 16.4630

Background



This preview shows how black text looks on a background with the YUV color 188.2280, 24.5376, 16.4630.



This preview shows how white text looks on a background with the YUV color 188.2280, 24.5376,

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

188.2280, 24.5376, 16.4630

Protanopia

184.3270, 30.8978, -16.9498

Deuteranopia

185.4760, 24.9083, -9.1875



Tritanopia

186.1740, 2.8722, 12.1254

Trichromacy



Original Color

188.2280, 24.5376, 16.4630



Protanomaly

185.5350, 28.8232, -4.8542



Deuteranomaly

186.8300, 24.7338, 0.1491



Tritanomaly

187.2480, 10.7237, 13.8145

Monochromacy



Original Color

188.2280, 24.5376, 16.4630



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0360, 8.8563, 6.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2280, 24.5376, 16.4630 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(207, 169, 238)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 238)  
}
```

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(207, 169, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 238) }
```

Border

The CSS property to change the border of an element to YUV 188.2280, 24.5376, 16.4630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

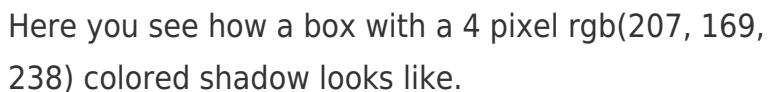
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 169, 238) }
```


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

```
.border{ border-color:rgb(207, 169, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 169, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 169, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 169, 238); box-shadow:4px 4px 4px 4px rgb(207, 169, 238) }
```

Background

The CSS property to change the background color of an element to YUV 188.2280, 24.5376, 16.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 238) }
```

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

```
.background{ background-color: rgb(207,  
169, 238) }
```

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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