

Converting Colors

YUV(185.2870, 25.0015, 7.6413)

Have a look what the booklet for
YUV(185.2870, 25.0015, 7.6413)
contains.

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Color

**YUV(185.2870, 25.0015,
7.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	C2ABEC
RGB	194, 171, 236
RGB Percent	76%, 67%, 93%
CMY	0.2392, 0.3294, 0.0745
CMYK	0.18, 0.28, 0.00, 0.07
HSL	261°, 63%, 80%
HSV	261°, 28%, 93%
XYZ	51.9514, 46.6513, 85.6233
YIQ	185.2870, -7.1570, 25.0910

Conversions

Conversions Part 2

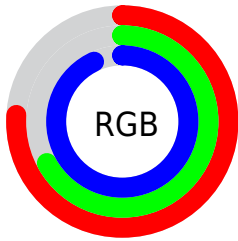
Format	Color
RYB	194, 171, 236
Decimal	12757996
CIELab	73.97, 21.03, -29.49
CIELCh	74, 36.218, 305.489
Yxy	46.6513, 0.2820, 0.2532
Android (android.graphics.Color)	4290948076 (0xFFC2ABEC)
YUV	185.2870, 25.0015, 7.6413
Hunter-Lab	68.3017, 16.2418, -26.5150

Details

The YUV color $185.2870, 25.0015, 7.6413$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $221.7130, -25.0015, -7.6413$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.7810, 8.9820, 12.4701$, and $132.2330, 23.5491, 6.8117$ is the 20% darker color. If you saturate the color by 10%, you get $166.7140, 34.1580, 10.7748$, and if you desaturate by 10%, it is $203.8600, 15.8450, 4.5078$.

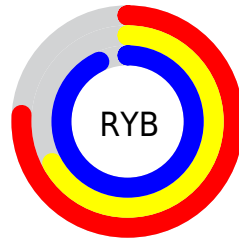
Distribution



Red (76%)

Green (67%)

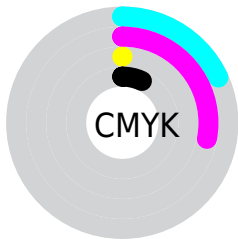
Blue (93%)



Red (76%)

Yellow (67%)

Blue (93%)

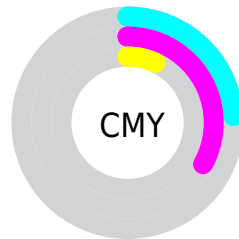


Cyan (18%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.2870, 25.0015, 7.6413 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 185.2870, 25.0015, 7.6413 by changing the saturation by 10% instead.

■ 185.2870, 25.0015,
7.6413

■ 185.2870, 25.0015,
7.6413

255.0000, 0.0000,
0.0000

■ 157.8740, 24.7121,
7.1265

■ 236.7810, 8.9820,
12.4701

■ 132.2330, 23.5491,
6.8117

■ 106.4070, 22.9703,
5.7821

■ 81.8800, 22.2442,
5.3672

■ 58.0540, 21.6654,
4.3376

■ 35.7010, 20.3604,
2.8932

■ 12.4130, 20.5024,

4.0228

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 185.2870, 25.0015,
7.6413

■ 185.2870, 25.0015,
7.6413

■ 166.7140, 34.1580,
10.7748

■ 203.8600, 15.8450,
4.5078

■ 148.7280, 43.0251,
13.3935

■ 221.8460, 6.9779,
1.8891

■ 129.8560, 52.3290,
15.9123

■ 240.7180, -2.3260,
-0.6297

■ 111.8700, 61.1961,
18.5310

■ 252.8340, -8.2992,
1.8996

■ 93.2970, 70.3526,
21.6645

■ 74.7240, 79.5091,
24.7981

■ 56.4390, 88.5236,
26.8020

■ 52.0200, 90.7021,
28.0465

Harmonies

Analogous

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



179.0480, 33.9933, -29.8601



185.2870, 25.0015, 7.6413



186.9180, 11.3794, 36.9059

Triad

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



185.2870, 25.0015, 7.6413



181.5710, -29.3685, 39.8412



163.2360, 11.7157, -71.2440

Complementary

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



185.2870, 25.0015, 7.6413



221.7130, -25.0015, -7.6413

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.



169.8580, -8.3110, -41.0945



185.2870, 25.0015, 7.6413



179.1460, -31.6240, 16.5350

Square

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



185.2870, 25.0015, 7.6413



183.7050, -19.0816, 53.7557



175.3320, -23.8277, -10.8152



159.1320, 29.5149, -86.9388

Rectangle

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



185.2870, 25.0015, 7.6413



186.2480, 0.8637, 49.7715



175.3320, -23.8277, -10.8152



165.7550, 4.5578, -62.0521

Sweetspot

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



185.2870, 25.0015, 7.6413



239.3730, 7.7041, 2.3039



203.0640, 16.2374, -28.1201



117.6780, 5.0887, 1.1594



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.



185.2870, 25.0015, 7.6413



189.5460, 32.2688, 10.0452



194.8550, 20.2845, 27.3142



108.4500, 4.2152, 1.3594



39.7700, 69.6264, 21.2497



11.8370, 20.7864, 6.2820

Inverse Universe

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



195.2230, 8.7641, 35.7614



202.2720, 11.2049, 46.2425



212.1450, -20.2845, -27.3142



110.0870, 1.4361, 6.0627



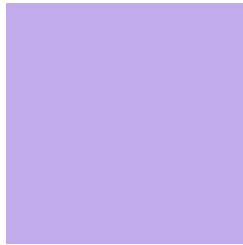
67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 185.2870, 25.0015, 7.6413 looks on a white background.

Color Contrast Check

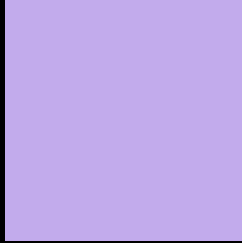
Large Text (above 18pt) WCAG AA × Fail

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 185.2870, 25.0015, 7.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

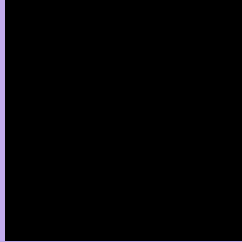
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.2870, 25.0015, 7.6413

Background



This preview shows how black text looks on a background with the YUV color 185.2870, 25.0015, 7.6413.



This preview shows how white text looks on a background with the YUV color 185.2870, 25.0015,

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

185.2870, 25.0015, 7.6413

Protanopia

182.2840, 29.4400, -16.0351

Deuteranopia

183.1770, 25.0557, -9.8022



Tritanopia

182.9880, 4.9359, 3.5185

Trichromacy



Original Color

185.2870, 25.0015, 7.6413

Protanomaly

183.5840, 27.8131, -7.5282

Deuteranomaly

183.9220, 25.1815, -3.4396

Tritanomaly

183.9480, 12.3506, 5.3076

Monochromacy



Original Color

185.2870, 25.0015, 7.6413

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.2870, 25.0015, 7.6413 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(194, 171, 236)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 236)  
}
```

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(194, 171, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 236) }
```

Border

The CSS property to change the border of an element to YUV 185.2870, 25.0015, 7.6413 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(194, 171, 236) }
```


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

```
.border{ border-color:rgb(194, 171, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 171, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 236);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 185.2870, 25.0015, 7.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 236) }
```

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

```
.background{ background-color: rgb(194,  
171, 236) }
```

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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