

Converting Colors

YUV(185.7600, 24.2753, 7.2265)

Have a look what the booklet for
YUV(185.7600, 24.2753, 7.2265)
contains.

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Color

**YUV(185.7600, 24.2753,
7.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	C2ACEB
RGB	194, 172, 235
RGB Percent	76%, 67%, 92%
CMY	0.2392, 0.3255, 0.0784
CMYK	0.17, 0.27, 0.00, 0.08
HSL	261°, 61%, 80%
HSV	261°, 27%, 92%
XYZ	51.9961, 46.9725, 84.9234
YIQ	185.7600, -7.1110, 24.2570

Conversions

Conversions Part 2

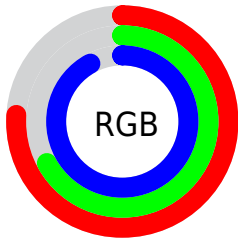
Format	Color
RYB	194, 172, 235
Decimal	12758251
CIELab	74.17, 20.26, -28.63
CIELCh	74, 35.071, 305.279
Yxy	46.9725, 0.2828, 0.2554
Android (android.graphics.Color)	4290948331 (0xFFC2ACEB)
YUV	185.7600, 24.2753, 7.2265
Hunter-Lab	68.5365, 15.4823, -25.4905

Details

The YUV color $185.7600, 24.2753, 7.2265$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $221.2400, -24.2753, -7.2265$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3680, 8.6926, 11.9553$, and $132.7060, 22.8229, 6.3968$ is the 20% darker color. If you saturate the color by 10%, you get $167.7740, 33.1424, 9.8452$, and if you desaturate by 10%, it is $204.3330, 15.1188, 4.0930$.

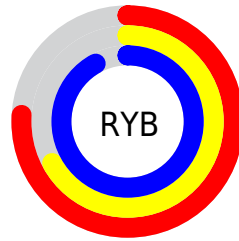
Distribution



Red (76%)

Green (67%)

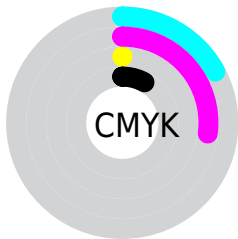
Blue (92%)



Red (76%)

Yellow (67%)

Blue (92%)

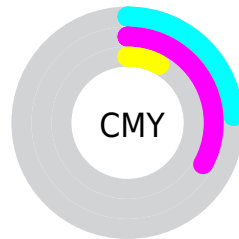


Cyan (17%)

Magenta (27%)

Yellow (0%)

Black (8%)



Cyan (24%)


Magenta (33%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 185.7600, 24.2753, 7.2265 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 185.7600, 24.2753, 7.2265 by changing the saturation by 10% instead.


 185.7600, 24.2753,
7.2265


 185.7600, 24.2753,
7.2265


255.0000, 0.0000,
0.0000


 158.3470, 23.9859,
6.7117


 237.3680, 8.6926,
11.9553

 132.7060, 22.8229,
6.3968

 107.1790, 22.0968,
5.9820

 82.3530, 21.5180,
4.9524

 58.8260, 20.7918,
4.5376

 36.5870, 19.9236,
2.9932

 13.2990, 20.0656,

4.1228

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 185.7600, 24.2753,
7.2265

■ 185.7600, 24.2753,
7.2265

■ 167.7740, 33.1424,
9.8452

■ 204.3330, 15.1188,
4.0930

■ 148.9020, 42.4463,
12.3639

■ 222.6180, 6.1043,
2.0890

■ 130.9160, 51.3134,
14.9827

■ 241.1910, -3.0522,
-1.0445

■ 112.3430, 60.4699,
18.1162

■ 252.7200, -8.7360,
1.9996

■ 94.3570, 69.3370,
20.7349

■ 75.4850, 78.6409,
23.2537

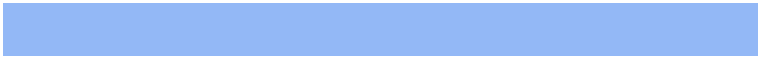
■ 57.4990, 87.5080,
25.8724

■ 51.3080, 90.5602,
26.9169

Harmonies

Analogous

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



180.0050, 32.5355, -28.9454



185.7600, 24.2753, 7.2265



187.2060, 11.2374, 35.7763

Triad

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



185.7600, 24.2753, 7.2265



182.5000, -28.3475, 39.0265



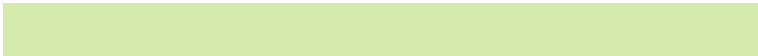
165.0300, 10.8312, -67.5553

Complementary

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



185.7600, 24.2753, 7.2265



221.2400, -24.2753, -7.2265

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.



171.4560, -8.6058, -39.8649



185.7600, 24.2753, 7.2265



179.7870, -30.4610, 16.8498

Square

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



185.7600, 24.2753, 7.2265



184.8080, -18.6393, 51.9114



176.4460, -23.3909, -10.9151



161.7090, 27.7515, -81.3058

Rectangle

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



185.7600, 24.2753, 7.2265



186.3510, 1.3060, 47.9272



176.4460, -23.3909, -10.9151



167.3640, 4.2575, -59.0782

Sweetspot

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



185.7600, 24.2753, 7.2265



239.3730, 7.7041, 2.3039



203.8360, 15.3639, -27.9202



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.



185.7600, 24.2753, 7.2265



191.0190, 31.5426, 9.6303



195.0290, 19.7057, 26.2846



108.4500, 4.2152, 1.3594



39.4710, 69.7738, 20.6349



11.8370, 20.7864, 6.2820

Inverse Universe

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



195.5110, 8.6221, 34.6319



203.6740, 11.4997, 45.0129



212.2700, -19.8531, -25.6698



110.0870, 1.4361, 6.0627



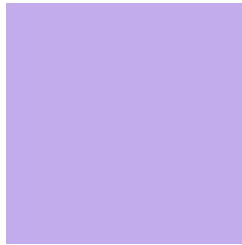
67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 185.7600, 24.2753, 7.2265 looks on a white background.

Color Contrast Check

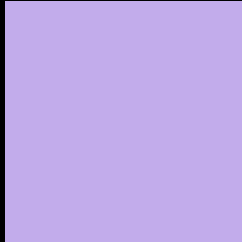
Large Text (above 18pt) WCAG AA × Fail

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 185.7600, 24.2753, 7.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

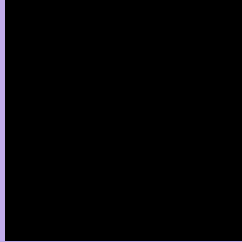
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.7600, 24.2753, 7.2265

Background



This preview shows how black text looks on a background with the YUV color 185.7600, 24.2753, 7.2265.



This preview shows how white text looks on a background with the YUV color 185.7600, 24.2753,

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

185.7600, 24.2753, 7.2265

Protanopia

182.7680, 28.7084, -14.7055

Deuteranopia

183.4760, 24.9083, -9.1875



Tritanopia

183.6890, 5.0833, 2.9037

Trichromacy



Original Color

185.7600, 24.2753, 7.2265

Protanomaly

183.7690, 27.2289, -6.8134

Deuteranomaly

184.1070, 24.5972, -2.7248

Tritanomaly

184.5350, 12.0612, 4.7928

Monochromacy



Original Color

185.7600, 24.2753, 7.2265

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0140, 8.8671, 2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7600, 24.2753, 7.2265 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, 172, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 235)  
}
```

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, 172, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 235) }
```

Border

The CSS property to change the border of an element to YUV 185.7600, 24.2753, 7.2265 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, 172, 235) }
```


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

```
.border{ border-color:rgb(194, 172, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 172, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 172, 235); box-shadow:4px 4px 4px 4px rgb(194, 172, 235) }
```

Background

The CSS property to change the background color of an element to YUV 185.7600, 24.2753, 7.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 235) }
```

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

```
.background{ background-color: rgb(194,  
172, 235) }
```

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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