

Converting Colors

YUV(186.6460, 23.8385, 7.3265)

Have a look what the booklet for
YUV(186.6460, 23.8385, 7.3265)
contains.

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Color

**YUV(186.6460, 23.8385,
7.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	C3ADEB
RGB	195, 173, 235
RGB Percent	76%, 68%, 92%
CMY	0.2353, 0.3216, 0.0784
CMYK	0.17, 0.26, 0.00, 0.08
HSL	261°, 61%, 80%
HSV	261°, 26%, 92%
XYZ	52.4446, 47.4874, 84.9991
YIQ	186.6460, -6.7900, 23.9460

Conversions

Conversions Part 2

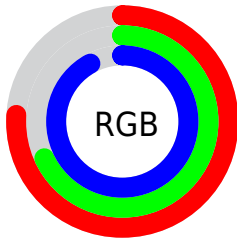
Format	Color
R_{YB}	195, 173, 235
Decimal	12824043
CIE _{Lab}	74.50, 20.01, -28.12
CIE _{LCh}	75, 34.514, 305.440
Yxy	47.4874, 0.2836, 0.2568
Android (android.graphics.Color)	4291014123 (0xFFC3ADEB)
YUV	186.6460, 23.8385, 7.3265
Hunter-Lab	68.9111, 15.2526, -24.8941

Details

The YUV color **186.6460, 23.8385, 7.3265** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **221.3540, -23.8385, -7.3265**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8410, 7.9664, 11.5404**, and **133.5920, 22.3861, 6.4968** is the 20% darker color. If you saturate the color by 10%, you get **168.0730, 32.9950, 10.4600**, and if you desaturate by 10%, it is **205.2190, 14.6820, 4.1929**.

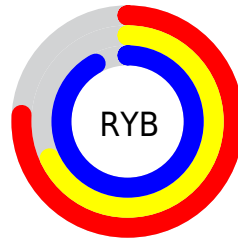
Distribution



Red (76%)

Green (68%)

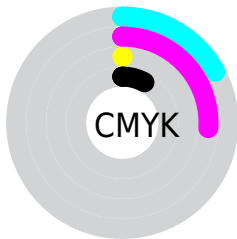
Blue (92%)



Red (76%)

Yellow (68%)

Blue (92%)

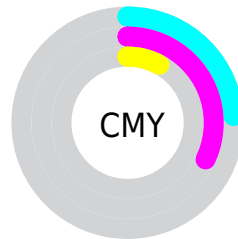


Cyan (17%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.6460, 23.8385, 7.3265 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 186.6460, 23.8385, 7.3265 by changing the saturation by 10% instead.

■ 186.6460, 23.8385,
7.3265

■ 186.6460, 23.8385,
7.3265

255.0000, 0.0000,
0.0000

■ 159.2330, 23.5491,
6.8117

■ 238.8410, 7.9664,
11.5404

■ 133.5920, 22.3861,
6.4968

■ 107.7660, 21.8074,
5.4672

■ 83.2390, 21.0812,
5.0524

■ 59.7120, 20.3550,
4.6376

■ 37.4730, 19.4868,
3.0932

■ 14.7720, 19.3394,

3.7080

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 186.6460, 23.8385,
7.3265

■ 186.6460, 23.8385,
7.3265

■ 168.0730, 32.9950,
10.4600

■ 205.2190, 14.6820,
4.1929

■ 150.0870, 41.8621,
13.0787

■ 223.2050, 5.8149,
1.5742

■ 132.1010, 50.7292,
15.6974

■ 241.7780, -3.3416,
-1.5593

■ 113.2290, 60.0331,
18.2162

■ 252.7200, -8.7360,
1.9996

■ 95.2430, 68.9002,
20.8349

■ 76.6700, 78.0567,
23.9684

■ 58.6840, 86.9238,
26.5871

■ 51.6070, 90.4127,
27.5317

Harmonies

Analogous

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



180.6030, 32.2407, -27.7158



186.6460, 23.8385, 7.3265



187.7930, 10.9481, 35.2615

Triad

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



186.6460, 23.8385, 7.3265



183.2010, -28.2001, 38.4117



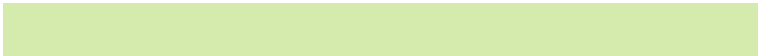
166.6280, 10.5364, -66.3258

Complementary

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



186.6460, 23.8385, 7.3265



221.3540, -23.8385, -7.3265

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.



172.2820, -8.0270, -38.8353



186.6460, 23.8385, 7.3265



180.6020, -29.8768, 16.1350

Square

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



186.6460, 23.8385, 7.3265



185.5090, -18.4919, 51.2966



176.9730, -22.6647, -10.5003



163.9050, 27.1618, -78.8467

Rectangle

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



186.6460, 23.8385, 7.3265



187.5250, 0.7272, 46.8976



176.9730, -22.6647, -10.5003



168.3750, 4.2521, -57.3339

Sweetspot

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



186.6460, 23.8385, 7.3265



239.3730, 7.7041, 2.3039



203.5480, 15.5058, -26.7906



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.



186.6460, 23.8385, 7.3265



191.0190, 31.5426, 9.6303



195.9150, 19.2689, 26.3845



108.4500, 4.2152, 1.3594



39.7700, 69.6264, 21.2497



11.8370, 20.7864, 6.2820

Inverse Universe

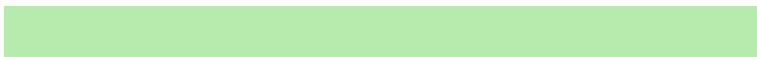
The Inverse Universe completely reimagines the original color for something new.



196.0980, 8.3327, 34.1171



203.5600, 11.0629, 45.1129



212.0850, -19.2689, -26.3845



110.0870, 1.4361, 6.0627



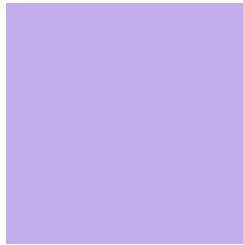
67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 186.6460, 23.8385, 7.3265 looks on a white background.

Color Contrast Check

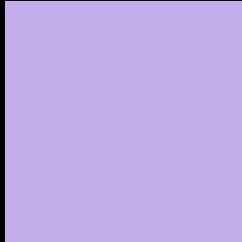
Large Text (above 18pt) WCAG AA × Fail

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 186.6460, 23.8385, 7.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

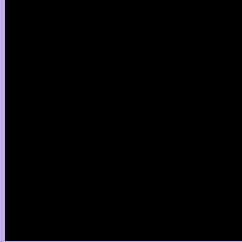
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.6460, 23.8385, 7.3265

Background



This preview shows how black text looks on a background with the YUV color 186.6460, 23.8385, 7.3265.



This preview shows how white text looks on a background with the YUV color 186.6460, 23.8385, 7.3265.

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

186.6460, 23.8385, 7.3265

Protanopia

183.6540, 28.2716, -14.6056

Deuteranopia

184.6610, 24.3241, -8.4727



Tritanopia

184.6890, 5.0833, 2.9037

Trichromacy



Original Color

186.6460, 23.8385, 7.3265

Protanomaly

184.6550, 26.7921, -6.7134

Deuteranomaly

184.9930, 24.1605, -2.6249

Tritanomaly

185.5350, 12.0612, 4.7928

Monochromacy



Original Color

186.6460, 23.8385, 7.3265

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.9000, 8.4303, 2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.6460, 23.8385, 7.3265 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, 173, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 173, 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(195, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 173, 235) }
```

Border

The CSS property to change the border of an element to YUV 186.6460, 23.8385, 7.3265 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, 173, 235) }
```


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

```
.border{ border-color:rgb(195, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(195, 173,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 186.6460, 23.8385, 7.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 173, 235) }
```

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

```
.background{ background-color: rgb(195,  
173, 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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