

Converting Colors

YUV(186.3100, 6.7492, 28.6691)

Have a look what the booklet for
YUV(186.3100, 6.7492, 28.6691)
contains.

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Color

**YUV(186.3100, 6.7492,
28.6691)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA7C8
RGB	219, 167, 200
RGB Percent	86%, 65%, 78%
CMY	0.1412, 0.3451, 0.2157
CMYK	0.00, 0.24, 0.09, 0.14
HSL	322°, 42%, 76%
HSV	322°, 24%, 86%
XYZ	53.4575, 46.8676, 60.8724
YIQ	186.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

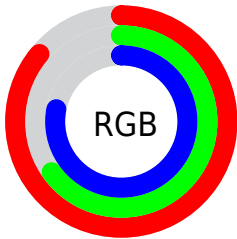
Format	Color
R _Y B	219, 167, 200
Decimal	14395336
CIE Lab	74.11, 24.34, -9.41
CIE LCh	74, 26.095, 338.872
Yxy	46.8676, 0.3316, 0.2907
Android (android.graphics.Color)	4292585416 (0xFFDBA7C8)
YUV	186.3100, 6.7492, 28.6691
Hunter-Lab	68.4599, 19.5782, -4.7968

Details

The YUV color $186.3100, 6.7492, 28.6691$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $199.6900, -6.7492, -28.6691$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.6290, 9.5499, 16.9884$, and $132.8860, 6.4652, 26.4100$ is the 20% darker color. If you saturate the color by 10%, you get $172.4840, 9.6214, 40.7945$, and if you desaturate by 10%, it is $200.1360, 3.8770, 16.5437$.

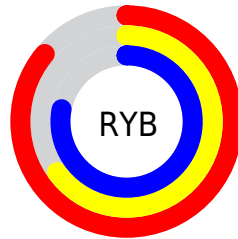
Distribution



Red (86%)

Green (65%)

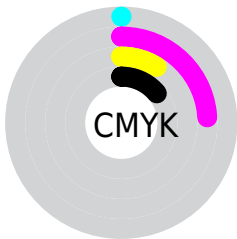
Blue (78%)



Red (86%)

Yellow (65%)

Blue (78%)

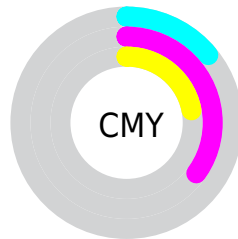


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (14%)



Cyan (14%)


Magenta (35%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.3100, 6.7492, 28.6691 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 186.3100, 6.7492, 28.6691 by changing the saturation by 10% instead.

 186.3100, 6.7492,
28.6691

 186.3100, 6.7492,
28.6691

255.0000, 0.0000,
0.0000


 159.0110, 6.8966,
28.0544


 235.6290, 9.5499,
16.9884

 132.8860, 6.4652,
26.4100

 252.6520, 1.1576,
2.0592

 107.4730, 6.1758,
25.8952

 82.8750, 6.4706,
24.6656

 59.1630, 6.3286,
23.5360

 35.8640, 6.4760,
22.9213

 15.2660, 6.7709,

21.6917

■ 0.0000, 0.0000,
0.0000

■ 186.3100, 6.7492,
28.6691

■ 186.3100, 6.7492,
28.6691

■ 172.4840, 9.6214,
40.7945

■ 200.1360, 3.8770,
16.5437

■ 158.6580, 12.4936,
52.9199

■ 213.9620, 1.0047,
4.4183

■ 144.8320, 15.3658,
65.0453

■ 227.7880, -1.8675,
-7.7071

■ 131.0060, 18.2380,
77.1707

■ 241.6140, -4.7397,
-19.8325

■ 117.7670, 20.8209,
88.7813

■ 242.5260, -1.2453,
-20.6323

■ 103.9410, 23.6931,
100.9067

■ 243.4380, 2.2491,
-21.4321

■ 90.1150, 26.5653,
113.0321

■ 244.2360, 5.3067,
-22.1320

■ 81.3270, 28.4328,
120.7392

Harmonies

Analogous

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



185.5230, 16.9972, 8.3113



186.3100, 6.7492, 28.6691



185.6890, -4.7767, 38.8607

Triad

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



186.3100, 6.7492, 28.6691



180.5180, -22.4404, 10.9467



171.7190, 19.3655, -51.4966

Complementary

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



186.3100, 6.7492, 28.6691



199.6900, -6.7492, -28.6691

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.



171.8800, 8.4402, -47.2528



186.3100, 6.7492, 28.6691



177.5800, -16.5549, -10.1557

Square

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



186.3100, 6.7492, 28.6691



182.7420, -22.0578, 28.2903



174.1350, -4.9966, -30.8134



175.8760, 24.7111, -39.3563

Rectangle

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



186.3100, 6.7492, 28.6691



184.7510, -12.2022, 40.5604



174.1350, -4.9966, -30.8134



171.2090, 16.1660, -51.9263

Sweetspot

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



186.3100, 6.7492, 28.6691



243.6360, 2.1515, 9.9662



178.3100, 20.0602, 5.8671



121.0870, 1.4361, 6.0627



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.



186.3100, 6.7492, 28.6691



210.3590, 9.1900, 39.1502



183.4600, -4.1708, 31.1686



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Inverse Universe

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



186.3100, 6.7492, 28.6691



210.3590, 9.1900, 39.1502



202.5400, 4.1708, -31.1686



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 186.3100, 6.7492, 28.6691 looks on a white background.

Color Contrast Check

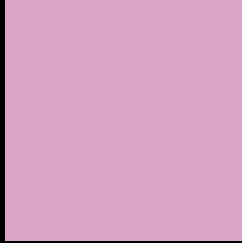
Large Text (above 18pt) WCAG AA × Fail

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 186.3100,
6.7492, 28.6691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

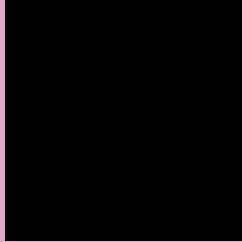
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.3100, 6.7492, 28.6691

Background



This preview shows how black text looks on a background with the YUV color 186.3100, 6.7492, 28.6691.



This preview shows how white text looks on a background with the YUV color 186.3100, 6.7492,

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

186.3100, 6.7492, 28.6691

Protanopia

183.2950, 12.6726, -4.6437

Deuteranopia

184.1780, 6.8142, 7.7369



Tritanopia

185.5350, -1.2498, 27.5948

Trichromacy



Original Color

186.3100, 6.7492, 28.6691

Protanomaly

184.5030, 10.5980, 7.4519

Deuteranomaly

184.6350, 7.0819, 15.2291

Tritanomaly

185.9310, 1.5130, 28.1245

Monochromacy



Original Color

186.3100, 6.7492, 28.6691

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.3100, 6.7492, 28.6691 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(219, 167, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 200)  
}
```

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(219, 167, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 200) }
```

Border

The CSS property to change the border of an element to YUV 186.3100, 6.7492, 28.6691 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(219, 167, 200) }
```


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

```
.border{ border-color:rgb(219, 167, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 186.3100, 6.7492, 28.6691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 200) }
```

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

```
.background{ background-color: rgb(219,  
167, 200) }
```

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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