

# Converting Colors

YUV(183.0220, 6.8912, 29.7987)

Have a look what the booklet for  
YUV(183.0220, 6.8912, 29.7987)  
contains.

<b>YUV(183.0220, 6.8912, 29.7987)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(183.0220, 6.8912,  
29.7987)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9A3C5
RGB	217, 163, 197
RGB Percent	85%, 64%, 77%
CMY	0.1490, 0.3608, 0.2275
CMYK	0.00, 0.25, 0.09, 0.15
HSL	322°, 42%, 75%
HSV	322°, 25%, 85%
XYZ	51.7905, 44.9773, 58.7752
YIQ	183.0220, 21.2700, 22.0220

# Conversions

## Conversions Part 2

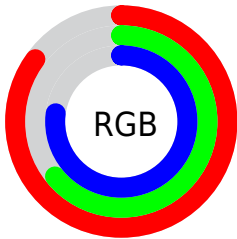
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 163, 197</a>
Decimal	<a href="#">14263237</a>
CIELab	<a href="#">72.88, 25.30, -9.61</a>
CIELCh	<a href="#">73, 27.062, 339.202</a>
Yxy	<a href="#">44.9773, 0.3330, 0.2892</a>
Android (android.graphics.Color)	<a href="#">4292453317 (0xFFD9A3C5)</a>
YUV	<a href="#">183.0220, 6.8912, 29.7987</a>
Hunter-Lab	<a href="#">67.0651, 20.4812, -5.0155</a>

# Details

The YUV color  $183.0220, 6.8912, 29.7987$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $196.9780, -6.8912, -29.7987$ , and the grayscale version is  $183.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $233.1670, 10.2707, 19.1475$ , and  $129.5980, 6.6072, 27.5396$  is the 20% darker color. If you saturate the color by 10%, you get  $169.1960, 9.7634, 41.9241$ , and if you desaturate by 10%, it is  $196.8480, 4.0189, 17.6733$ .

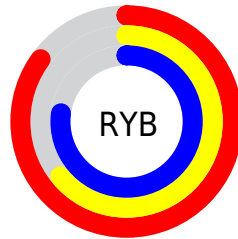
# Distribution



Red (85%)

Green (64%)

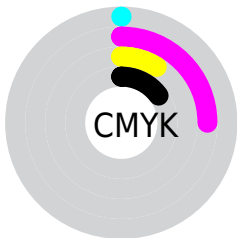
Blue (77%)



Red (85%)

Yellow (64%)

Blue (77%)

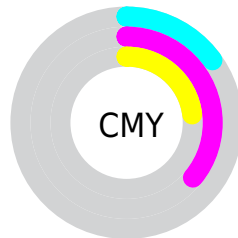


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (15%)



Cyan (15%)

Magenta (36%)


Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 183.0220, 6.8912, 29.7987 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 183.0220, 6.8912, 29.7987 by changing the saturation by 10% instead.





 183.0220, 6.8912,  
29.7987

 183.0220, 6.8912,  
29.7987


255.0000, 0.0000,  
0.0000

 155.7230, 7.0386,  
29.1839

 233.1670, 10.2707,  
19.1475


 129.5980, 6.6072,  
27.5396

 250.3040, 2.3151,  
4.1184

 104.2990, 6.7546,  
26.9248

 79.5870, 6.6126,  
25.7952

 55.8750, 6.4706,  
24.6656

 32.6900, 7.0548,  
23.9509

 14.6250, 5.6079,

21.3769

0.0000, 0.0000,  
0.0000

183.0220, 6.8912,  
29.7987

183.0220, 6.8912,  
29.7987

169.1960, 9.7634,  
41.9241

196.8480, 4.0189,  
17.6733

155.9570, 12.3462,  
53.5347

210.0870, 1.4361,  
6.0627

142.1310, 15.2184,  
65.6601

223.9130, -1.4361,  
-6.0627

128.3050, 18.0906,  
77.7855

237.7390, -4.3083,  
-18.1881

114.4790, 20.9629,  
89.9109

241.5860, -2.2609,  
-21.5619

■ 101.2400, 23.5457,  
101.5215

■ 242.4980, 1.2335,  
-22.3617

■ 87.4140, 26.4179,  
113.6469

■ 243.4100, 4.7279,  
-23.1616

■ 80.5010, 27.8540,  
119.7096

■ 243.6380, 5.6015,  
-23.3615

# Harmonies

## Analogous

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



181.9360, 17.2866, 8.8261



183.0220, 6.8912, 29.7987



182.5860, -5.2189, 40.7051

# Triad

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



183.0220, 6.8912, 29.7987



176.9910, -23.1666, 10.5319



167.6370, 20.3920, -54.0556

# Complementary

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



183.0220, 6.8912, 29.7987



196.9780, -6.8912, -29.7987

# 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.



167.6840, 9.0298, -49.7119



183.0220, 6.8912, 29.7987



174.1670, -16.8443, -10.6705

# Square

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



183.0220, 6.8912, 29.7987



178.9270, -22.6420, 29.0050



170.1240, -4.9911, -32.5577



172.0930, 25.5902, -41.3006



# Rectangle

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



183.0220, 6.8912, 29.7987



181.3490, -12.4971, 41.7899



170.1240, -4.9911, -32.5577



167.1270, 17.1924, -54.4854

# Sweetspot

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



183.0220, 6.8912, 29.7987



243.6360, 2.1515, 9.9662



175.1360, 20.6390, 6.8967



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.



183.0220, 6.8912, 29.7987



207.1960, 9.7634, 41.9241



179.9440, -4.9024, 32.4981



103.0870, 1.4361, 6.0627



64.1530, 22.1096, 95.4588



17.0600, 5.8864, 25.3804



# Inverse Universe

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



183.0220, 6.8912, 29.7987



207.1960, 9.7634, 41.9241



200.0560, 4.9024, -32.4981



103.0870, 1.4361, 6.0627



64.1530, 22.1096, 95.4588



17.0600, 5.8864, 25.3804



# Previews

## White Background



This preview shows how the YUV color 183.0220, 6.8912, 29.7987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

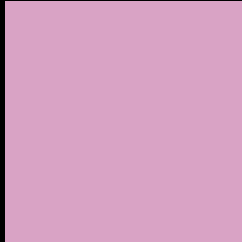
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.0220, 6.8912, 29.7987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

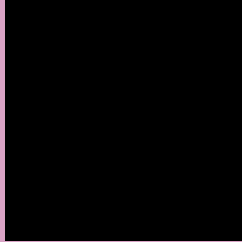
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 183.0220, 6.8912, 29.7987

## Background



This preview shows how black text looks on a background with the YUV color 183.0220, 6.8912, 29.7987.



This preview shows how white text looks on a background with the YUV color 183.0220, 6.8912, 29.7987.



# 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

183.0220, 6.8912, 29.7987

### Protanopia

179.9960, 12.8200, -5.2585

### Deuteranopia

180.8790, 6.9617, 7.1221



## Tritanopia

182.1330, -1.5446, 28.8244

# Trichromacy



## Original Color

183.0220, 6.8912, 29.7987

## Protanomaly

181.5030, 10.5980, 7.4519

## Deuteranomaly

181.6350, 7.0819, 15.2291

## Tritanomaly

182.6430, 1.6550, 29.2541

# Monochromacy



## Original Color

183.0220, 6.8912, 29.7987

## Achromatopsia

183.0000, 0.0000, 0.0000

## Achromatomaly

183.0490, 2.4408, 10.4810

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.0220, 6.8912, 29.7987 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(217, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 197)  
}
```

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(217, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 197) }
```

## Border

The CSS property to change the border of an element to YUV 183.0220, 6.8912, 29.7987 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(217, 163, 197) }
```



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

```
.border{ border-color:rgb(217, 163, 197) }
```

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

Here you see how a box with a 4 pixel rgb(217, 163, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(217, 163,  
197) }
```

# Background

The CSS property to change the background color of an element to YUV 183.0220, 6.8912, 29.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 197) }
```

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

```
.background{ background-color: rgb(217,  
163, 197) }
```

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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