

Converting Colors

YUV(165.7630, 23.2878,
44.0578)

Have a look what the booklet for
YUV(165.7630, 23.2878, 44.0578)
contains.

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Color

**YUV(165.7630, 23.2878,
44.0578)**

Conversions

Conversions Part 1

Format	Color
Hex	D883D5
RGB	216, 131, 213
RGB Percent	85%, 51%, 84%
CMY	0.1529, 0.4863, 0.1647
CMYK	0.00, 0.39, 0.01, 0.15
HSL	302°, 52%, 68%
HSV	302°, 39%, 85%
XYZ	48.4454, 35.6356, 67.2758
YIQ	165.7630, 24.3380, 43.5220

Conversions

Conversions Part 2

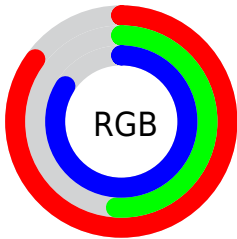
Format	Color
R _Y B	216, 131, 213
Decimal	14189525
CIE Lab	66.24, 44.91, -28.55
CIE LCh	66, 53.221, 327.557
Yxy	35.6356, 0.3201, 0.2354
Android (android.graphics.Color)	4292379605 (0xFFD883D5)
YUV	165.7630, 23.2878, 44.0578
Hunter-Lab	59.6956, 40.3929, -25.0318

Details

The YUV color **165.7630, 23.2878, 44.0578** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **181.2370, -23.2878, -44.0578**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4970, 19.9680, 35.5211**, and **112.2250, 22.5671, 41.8987** is the 20% darker color. If you saturate the color by 10%, you get **152.7350, 29.2176, 55.4834**, and if you desaturate by 10%, it is **178.7910, 17.3580, 32.6323**.

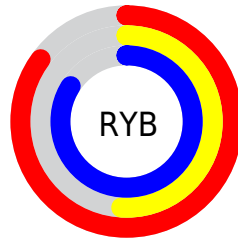
Distribution



Red (85%)

Green (51%)

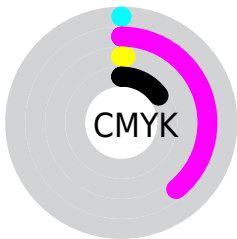
Blue (84%)



Red (85%)

Yellow (51%)

Blue (84%)

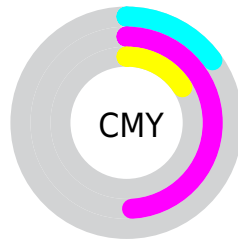


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.7630, 23.2878, 44.0578 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 165.7630, 23.2878, 44.0578 by changing the saturation by 10% instead.


 165.7630, 23.2878,
44.0578


 165.7630, 23.2878,
44.0578


255.0000, 0.0000,
0.0000

 138.6380, 22.8565,
42.4135


 214.4970, 19.9680,
35.5211


 112.2250, 22.5671,
41.8987


 230.9330, 11.8650,
21.1068

 85.6270, 22.8619,
40.6691

 247.9560, 3.4727,
6.1776

 59.0400, 23.1513,
41.1839

 33.2680, 24.0249,
40.9840

 23.0570, 17.2269,
28.0140

 13.6720, 11.0077,

16.0737

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 165.7630, 23.2878,
44.0578

■ 165.7630, 23.2878,
44.0578

■ 152.7350, 29.2176,
55.4834

■ 178.7910, 17.3580,
32.6323

■ 140.2940, 34.8581,
66.3942

■ 191.2320, 11.7176,
21.7215

■ 127.3800, 41.2247,
77.7197

■ 204.1460, 5.3510,
10.3960

■ 114.9390, 46.8651,
88.6305

■ 216.5870, -0.2894,
-0.5148

101.9110, 52.7949,
100.0561

229.6150, -6.2192,
-11.9404

88.8830, 58.7247,
111.4816

239.1210,
-10.4127, -20.2771

88.2960, 59.0141,
111.9964

239.2350, -9.9759,
-20.3771

239.3490, -9.5391,
-20.4771

Harmonies

Analogous

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



163.0370, 40.9008, -5.2944



165.7630, 23.2878, 44.0578



163.0320, 1.9562, 72.7629

Triad

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



165.7630, 23.2878, 44.0578



156.2220, -46.9444, 30.5003



131.2640, 35.8588, -115.1185

Complementary

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



165.7630, 23.2878, 44.0578



181.2370, -23.2878, -44.0578

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.



126.2650, 14.1664, -110.7344



165.7630, 23.2878, 44.0578



151.6410, -39.2630, -6.7012

Square

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



165.7630, 23.2878, 44.0578



158.9990, -38.4535, 60.5139



142.4900, -17.0036, -53.0497



132.5470, 53.4673, -116.2437

Rectangle

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



165.7630, 23.2878, 44.0578



160.5800, -12.6109, 78.4213



142.4900, -17.0036, -53.0497



130.0270, 28.5807, -114.0337

Sweetspot

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



165.7630, 23.2878, 44.0578



236.6890, 8.5343, 16.0587



141.5870, 36.6856, -6.6538



117.3200, 4.7722, 9.3664



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.



165.7630, 23.2878, 44.0578



184.1040, 32.9797, 62.1758



160.9750, 4.9423, 48.2569



100.5430, 3.1833, 5.6628



69.9390, 46.8651, 88.6305



17.6450, 12.0070, 22.2363

Inverse Universe

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



165.7630, 23.2878, 44.0578



184.1040, 32.9797, 62.1758



186.0250, -4.9423, -48.2569



100.5430, 3.1833, 5.6628



69.9390, 46.8651, 88.6305



17.6450, 12.0070, 22.2363

Previews

White Background



This preview shows how the YUV color 165.7630, 23.2878, 44.0578 looks on a white background.

Color Contrast Check

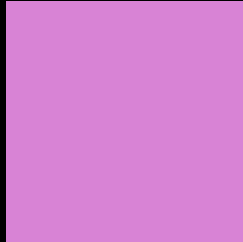
Large Text (above 18pt) WCAG AA × Fail

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 165.7630, 23.2878, 44.0578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

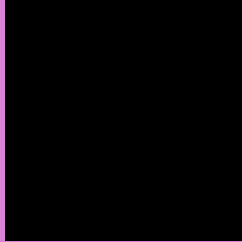
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.7630, 23.2878, 44.0578

Background



This preview shows how black text looks on a background with the YUV color 165.7630, 23.2878, 44.0578.



This preview shows how white text looks on a background with the YUV color 165.7630, 23.2878,

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

165.7630, 23.2878, 44.0578

Protanopia

161.0860, 36.4396, -21.1234

Deuteranopia

162.4930, 22.4350, -9.2024



Tritanopia

163.6890, -4.7767, 38.8607

Trichromacy



Original Color

165.7630, 23.2878, 44.0578



Protanomaly

162.9750, 31.5643, 2.6529



Deuteranomaly

163.7280, 22.8121, 9.8855



Tritanomaly

164.6320, 5.1114, 40.6647

Monochromacy



Original Color

165.7630, 23.2878, 44.0578



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.6890, 8.5343, 16.0587

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7630, 23.2878, 44.0578 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(216, 131, 213)` looks like.

```
.text, #text, p{  
    color:rgb(216, 131, 213)  
}
```

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(216, 131, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 131, 213) }
```

Border

The CSS property to change the border of an element to YUV 165.7630, 23.2878, 44.0578 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(216, 131, 213) }
```


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

```
.border{ border-color:rgb(216, 131, 213) }
```

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

Here you see how a box with a 4 pixel rgb(216, 131, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 131, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 131, 213);  
box-shadow:4px 4px 4px 4px rgb(216, 131,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 165.7630, 23.2878, 44.0578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 131, 213) }
```

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

```
.background{ background-color: rgb(216,  
131, 213) }
```

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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