

Converting Colors

YUV(163.0610, 24.6199,
36.7805)

Have a look what the booklet for
YUV(163.0610, 24.6199, 36.7805)
contains.

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Color

**YUV(163.0610, 24.6199,
36.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	CD84D5
RGB	205, 132, 213
RGB Percent	80%, 52%, 84%
CMY	0.1961, 0.4824, 0.1647
CMYK	0.04, 0.38, 0.00, 0.16
HSL	294°, 49%, 68%
HSV	294°, 38%, 84%
XYZ	45.4383, 34.2858, 67.1737
YIQ	163.0610, 17.5070, 40.6670

Conversions

Conversions Part 2

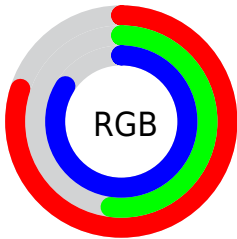
Format	Color
R_{YB}	205, 132, 213
Decimal	13468885
CIE _{Lab}	65.19, 41.01, -30.28
CIE _{LCh}	65, 50.974, 323.559
Yxy	34.2858, 0.3093, 0.2334
Android (android.graphics.Color)	4291658965 (0xFFCD84D5)
YUV	163.0610, 24.6199, 36.7805
Hunter-Lab	58.5540, 36.0477, -27.0302

Details

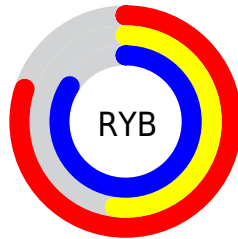
The YUV color **163.0610, 24.6199, 36.7805** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **181.9390, -24.6199, -36.7805**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4970, 19.9680, 35.5211**, and **109.5230, 23.8992, 34.6213** is the 20% darker color. If you saturate the color by 10%, you get **150.1360, 30.9920, 46.3617**, and if you desaturate by 10%, it is **175.9860, 18.2479, 27.1993**.

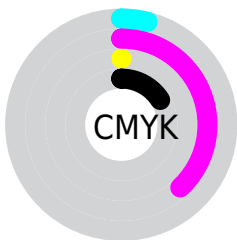
Distribution



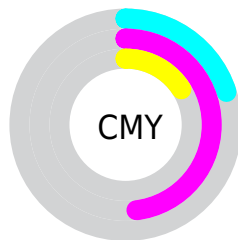
- Red (80%)
- Green (52%)
- Blue (84%)



- Red (80%)
- Yellow (52%)
- Blue (84%)



- Cyan (4%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (48%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0610, 24.6199, 36.7805 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 163.0610, 24.6199, 36.7805 by changing the saturation by 10% instead.

163.0610, 24.6199,
36.7805

163.0610, 24.6199,
36.7805

255.0000, 0.0000,
0.0000

136.2350, 24.0411,
35.7509

214.4970, 19.9680,
35.5211

109.5230, 23.8992,
34.6213

231.5200, 11.5756,
20.5920

83.8110, 23.7572,
33.4918

247.9560, 3.4727,
6.1776

58.3980, 23.4678,
32.9770

30.5770, 25.3515,
35.4510

20.6650, 18.4062,
23.0958

10.6820, 12.4818,

9.9259

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 163.0610, 24.6199,
36.7805

■ 163.0610, 24.6199,
36.7805

■ 150.1360, 30.9920,
46.3617

■ 175.9860, 18.2479,
27.1993

■ 136.6240, 37.6534,
56.4578

■ 189.4980, 11.5865,
17.1033

■ 123.6990, 44.0254,
66.0390

■ 202.4230, 5.2145,
7.5220

■ 110.7740, 50.3974,
75.6202

■ 215.3480, -1.1576,
-2.0592

97.5500, 56.9169,
84.5867

229.1590, -7.9664,
-11.5404

84.0380, 63.5783,
94.6827

239.1490,
-12.8915, -18.5477

81.6900, 64.7358,
96.7419

239.7470,
-13.1863, -17.3181

240.3450,
-13.4811, -16.0886

240.9430,
-13.7759, -14.8590

Harmonies

Analogous

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



158.9930, 40.9225, -12.2719



163.0610, 24.6199, 36.7805



160.6830, 4.5933, 66.9300

Triad

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



163.0610, 24.6199, 36.7805



154.2270, -44.4819, 34.0039



128.2490, 31.9222, -112.4744

Complementary

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



163.0610, 24.6199, 36.7805



181.9390, -24.6199, -36.7805

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.



122.8910, 11.3927, -107.7754



163.0610, 24.6199, 36.7805



150.5600, -39.7161, -1.3681

Square

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



163.0610, 24.6199, 36.7805



156.6230, -34.8171, 60.8436



142.7470, -20.0883, -43.6281



129.6460, 49.9675, -113.6995

Rectangle

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



163.0610, 24.6199, 36.7805



158.6550, -9.6899, 74.8476



142.7470, -20.0883, -43.6281



126.5390, 25.3703, -110.9747

Sweetspot

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



163.0610, 24.6199, 36.7805



237.6670, 8.5452, 12.5700



145.9300, 33.0655, -12.2166



117.4230, 5.2145, 7.5220



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.



163.0610, 24.6199, 36.7805



182.7330, 35.6276, 52.8542



161.8050, 9.4631, 44.8980



100.2440, 3.3307, 5.0480



65.5400, 51.9918, 77.5794



16.5630, 13.0334, 19.6772

Inverse Universe

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



157.1310, -8.4456, 48.9971



174.2370, -12.4418, 70.8292



183.1950, -9.4631, -44.8980



99.4030, -1.1847, 6.6626



53.0670, -17.7810, 103.4272



13.3130, -4.5913, 26.0355

Previews

White Background



This preview shows how the YUV color 163.0610, 24.6199, 36.7805 looks on a white background.

Color Contrast Check

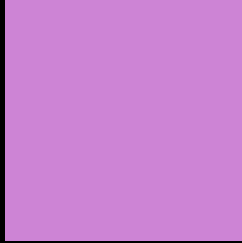
Large Text (above 18pt) WCAG AA × Fail

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 163.0610, 24.6199, 36.7805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

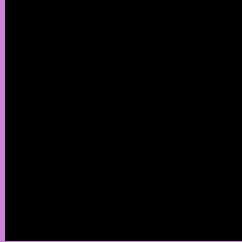
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.0610, 24.6199, 36.7805

Background



This preview shows how black text looks on a background with the YUV color 163.0610, 24.6199, 36.7805.



This preview shows how white text looks on a background with the YUV color 163.0610, 24.6199, 36.7805.

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

163.0610, 24.6199, 36.7805

Protanopia

158.0860, 36.4396, -21.1234

Deuteranopia

159.2370, 24.0402, -10.7318



Tritanopia

161.1010, -3.0078, 31.4834

Trichromacy



Original Color

163.0610, 24.6199, 36.7805



Protanomaly

159.7790, 32.1540, 0.1938



Deuteranomaly

160.4610, 24.4227, 6.6117



Tritanomaly

162.0440, 6.8803, 33.2874

Monochromacy



Original Color

163.0610, 24.6199, 36.7805



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.0800, 8.8346, 13.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0610, 24.6199, 36.7805 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(205, 132, 213)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 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(205, 132, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 213) }
```

Border

The CSS property to change the border of an element to YUV 163.0610, 24.6199, 36.7805 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(205, 132, 213) }
```


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

```
.border{ border-color:rgb(205, 132, 213) }
```

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

Here you see how a box with a 4 pixel rgb(205, 132, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 132, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 132, 213);  
box-shadow:4px 4px 4px 4px rgb(205, 132,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 163.0610, 24.6199, 36.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 213) }
```

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

```
.background{ background-color: rgb(205,  
132, 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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