

Converting Colors

YUV(161.1240, 29.0259,
23.5703)

Have a look what the booklet for
YUV(161.1240, 29.0259, 23.5703)
contains.

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Color

**YUV(161.1240, 29.0259,
23.5703)**

Conversions

Conversions Part 1

Format	Color
Hex	BC88DC
RGB	188, 136, 220
RGB Percent	74%, 53%, 86%
CMY	0.2627, 0.4667, 0.1373
CMYK	0.15, 0.38, 0.00, 0.14
HSL	277°, 55%, 70%
HSV	277°, 38%, 86%
XYZ	42.4615, 33.4670, 71.9320
YIQ	161.1240, 4.0280, 37.1480

Conversions

Conversions Part 2

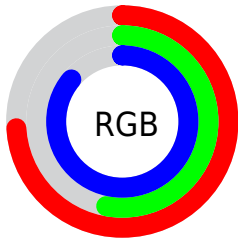
Format	Color
RYB	188, 136, 220
Decimal	12355804
CIELab	64.54, 35.08, -35.33
CIELCh	65, 49.791, 314.800
Yxy	33.4670, 0.2872, 0.2263
Android (android.graphics.Color)	4290545884 (0xFFBC88DC)
YUV	161.1240, 29.0259, 23.5703
Hunter-Lab	57.8507, 29.7775, -33.2262

Details

The YUV color **161.1240, 29.0259, 23.5703** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **194.8760, -29.0259, -23.5703**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8550, 20.2845, 27.3142**, and **108.4720, 27.8683, 21.5111** is the 20% darker color. If you saturate the color by 10%, you get **145.8180, 36.5717, 29.9776**, and if you desaturate by 10%, it is **176.4300, 21.4800, 17.1629**.

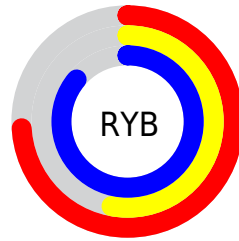
Distribution



Red (74%)

Green (53%)

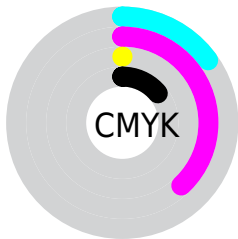
Blue (86%)



Red (74%)

Yellow (53%)

Blue (86%)

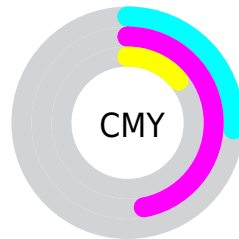


Cyan (15%)

Magenta (38%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (47%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.1240, 29.0259, 23.5703 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 161.1240, 29.0259, 23.5703 by changing the saturation by 10% instead.

161.1240, 29.0259,
23.5703

161.1240, 29.0259,
23.5703

255.0000, 0.0000,
0.0000

134.2980, 28.4471,
22.5407

213.8550, 20.2845,
27.3142

108.4720, 27.8683,
21.5111

233.2810, 10.7075,
19.0476

83.5320, 26.8527,
20.5814

250.3040, 2.3151,
4.1184

58.7060, 26.2739,
19.5518

34.2930, 25.9846,
19.0370

16.8640, 23.2380,
13.2743

4.6740, 17.9087,

-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 161.1240, 29.0259,
23.5703

■ 161.1240, 29.0259,
23.5703

■ 145.8180, 36.5717,
29.9776

■ 176.4300, 21.4800,
17.1629

■ 130.2130, 44.2650,
35.7702

■ 192.0350, 13.7867,
11.3703

■ 114.9070, 51.8108,
42.1776

■ 207.3410, 6.2409,
4.9629

■ 99.3020, 59.5041,
47.9701

■ 222.9460, -1.4524,
-0.8296

■ 83.9960, 67.0500,
54.3775

■ 238.2520, -8.9982,
-7.2370

■ 68.6900, 74.5958,
60.7849

■ 245.9270,
-12.7820, -6.9520

■ 65.7440, 76.0482,
61.6145

■ 248.6180,
-14.1087, -1.4190

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



154.2790, 43.7395, -29.1857



161.1240, 29.0259, 23.5703



159.5340, 10.5827, 59.1677

Triad

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



161.1240, 29.0259, 23.5703



153.6670, -41.7408, 41.5110



125.3650, 25.9491, -109.9451

Complementary

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



161.1240, 29.0259, 23.5703



194.8760, -29.0259, -23.5703

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.



126.4220, 2.7500, -88.9471



161.1240, 29.0259, 23.5703



150.1700, -41.4958, 9.4979

Square

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



161.1240, 29.0259, 23.5703



156.0240, -29.5918, 64.8770



144.5270, -26.3888, -29.4032



128.1640, 44.2891, -112.3998

Rectangle

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



161.1240, 29.0259, 23.5703



157.6420, -3.2745, 70.4740



144.5270, -26.3888, -29.4032



123.5410, 18.9603, -108.3455

Sweetspot

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



161.1240, 29.0259, 23.5703



235.2750, 9.7244, 7.6518



164.3600, 27.4305, -24.8717



115.9280, 5.9515, 4.4481



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.



161.1240, 29.0259, 23.5703



172.8660, 40.4921, 32.5665



169.5520, 19.9409, 44.2429



102.0480, 3.9203, 2.5889



51.7150, 59.7935, 48.4849



13.6160, 15.9653, 12.6148

Inverse Universe

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



164.7640, 1.5953, 48.4420



177.9990, 1.9725, 67.5299



186.4480, -19.9409, -44.2429



102.7450, 0.1257, 6.3626



59.2510, 3.3273, 99.7579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 161.1240, 29.0259, 23.5703 looks on a white background.

Color Contrast Check

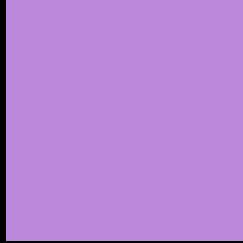
Large Text (above 18pt) WCAG AA × Fail

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 161.1240, 29.0259, 23.5703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

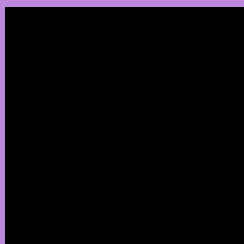
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.1240, 29.0259, 23.5703

Background



This preview shows how black text looks on a background with the YUV color 161.1240, 29.0259, 23.5703.



This preview shows how white text looks on a background with the YUV color 161.1240, 29.0259, 23.5703.

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

161.1240, 29.0259, 23.5703

Protanopia

155.7590, 39.0658, -23.4676

Deuteranopia

156.8710, 29.1506, -16.5499



Tritanopia

159.2240, 0.3826, 17.3436

Trichromacy



Original Color

161.1240, 29.0259, 23.5703



Protanomaly

157.3590, 35.8120, -6.4538



Deuteranomaly

158.2580, 28.9598, -1.9803



Tritanomaly

159.6940, 10.9969, 19.5624

Monochromacy



Original Color

161.1240, 29.0259, 23.5703



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

161.1010, 10.3032, 8.6814

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.1240, 29.0259, 23.5703 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(188, 136, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 136, 220)  
}
```

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(188, 136, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 136, 220) }
```

Border

The CSS property to change the border of an element to YUV 161.1240, 29.0259, 23.5703 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(188, 136, 220) }
```


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

```
.border{ border-color:rgb(188, 136, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 136, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 136, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 136, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 136,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 161.1240, 29.0259, 23.5703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 136, 220) }
```

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

```
.background{ background-color: rgb(188,  
136, 220) }
```

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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