

Converting Colors

YUV(163.8130, 30.6582,
13.3190)

Have a look what the booklet for
YUV(163.8130, 30.6582, 13.3190)
contains.

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Color

**YUV(163.8130, 30.6582,
13.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	B390E2
RGB	179, 144, 226
RGB Percent	70%, 56%, 89%
CMY	0.2980, 0.4353, 0.1137
CMYK	0.21, 0.36, 0.00, 0.11
HSL	266°, 59%, 73%
HSV	266°, 36%, 89%
XYZ	42.2911, 35.0212, 76.4823
YIQ	163.8130, -5.4620, 32.9220

Conversions

Conversions Part 2

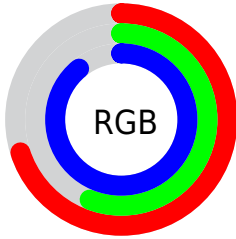
Format	Color
R_{YB}	179, 144, 226
Decimal	11768034
CIE _{Lab}	65.77, 29.28, -36.81
CIE _{LCh}	66, 47.036, 308.499
Yxy	35.0212, 0.2750, 0.2277
Android (android.graphics.Color)	4289958114 (0xFFB390E2)
YUV	163.8130, 30.6582, 13.3190
Hunter-Lab	59.1787, 23.9994, -35.2010

Details

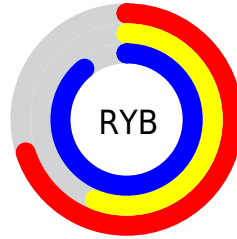
The YUV color **163.8130, 30.6582, 13.3190** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **206.1870, -30.6582, -13.3190**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8600, 19.2960, 17.6628**, and **111.3460, 28.9164, 11.9746** is the 20% darker color. If you saturate the color by 10%, you get **146.4250, 39.2305, 17.1673**, and if you desaturate by 10%, it is **181.2010, 22.0859, 9.4707**.

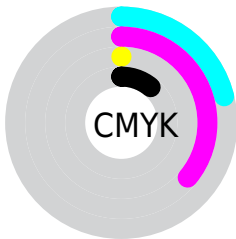
Distribution



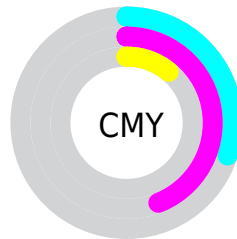
- Red (70%)
- Green (56%)
- Blue (89%)



- Red (70%)
- Yellow (56%)
- Blue (89%)



- Cyan (21%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8130, 30.6582, 13.3190 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 163.8130, 30.6582, 13.3190 by changing the saturation by 10% instead.

163.8130, 30.6582,
13.3190

163.8130, 30.6582,
13.3190

255.0000, 0.0000,
0.0000

137.2860, 29.9320,
12.9042

215.8600, 19.2960,
17.6628

111.3460, 28.9164,
11.9746

237.9770, 8.3923,
14.9292

86.5200, 28.3376,
10.9450

62.2810, 27.4695,
9.4006

39.0420, 26.6013,
7.8562

15.5040, 25.8805,
5.6970

5.2440, 20.0927,

-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 163.8130, 30.6582,
13.3190

■ 163.8130, 30.6582,
13.3190

■ 146.4250, 39.2305,
17.1673

■ 181.2010, 22.0859,
9.4707

■ 129.6240, 47.5134,
20.5008

■ 198.0020, 13.8030,
6.1372

■ 112.2360, 56.0857,
24.3490

■ 215.3900, 5.2307,
2.2890

■ 95.4350, 64.3685,
27.6825

■ 232.1910, -3.0522,
-1.0445

■ 78.0470, 72.9408,
31.5308

■ 248.4050,
-11.0457, -3.8632

■ 60.6590, 81.5131,
35.3791

■ 251.6940,
-12.6671, 2.8994

■ 54.4680, 84.5653,
36.4236

Harmonies

Analogous

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



154.8110, 43.4772, -38.4222



163.8130, 30.6582, 13.3190



163.6900, 13.9568, 50.2609

Triad

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



163.8130, 30.6582, 13.3190



158.3130, -38.1153, 45.3295



125.7410, 22.3127, -110.2749

Complementary

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



163.8130, 30.6582, 13.3190



206.1870, -30.6582, -13.3190

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.



139.8830, -6.3513, -63.0414



163.8130, 30.6582, 13.3190



154.8550, -40.3545, 16.7902

Square

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



163.8130, 30.6582, 13.3190



159.8760, -25.0819, 65.0067



149.6100, -28.8947, -18.9520



129.1270, 40.3634, -113.2444

Rectangle

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



163.8130, 30.6582, 13.3190



162.6350, 0.6729, 64.3411



149.6100, -28.8947, -18.9520



124.0310, 15.7607, -108.7752

Sweetspot

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



163.8130, 30.6582, 13.3190



233.7800, 10.4615, 4.5779



181.5240, 21.9267, -32.9085



115.0310, 6.3937, 2.6038



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.



163.8130, 30.6582, 13.3190



170.1200, 41.8458, 18.3118



175.7730, 24.7619, 37.9101



103.7490, 4.0677, 1.9741



42.4890, 65.8209, 28.5121



11.7510, 17.8708, 8.1114

Inverse Universe

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



173.8760, 8.4421, 45.7127



183.7840, 11.4455, 62.4564



194.2270, -24.7619, -37.9101



104.9730, 0.9993, 6.1627



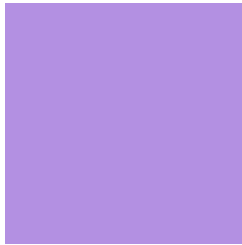
64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 163.8130, 30.6582, 13.3190 looks on a white background.

Color Contrast Check

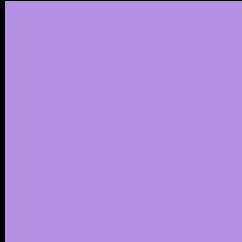
Large Text (above 18pt) WCAG AA × Fail

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 163.8130, 30.6582, 13.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

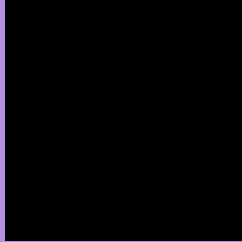
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.8130, 30.6582, 13.3190

Background



This preview shows how black text looks on a background with the YUV color 163.8130, 30.6582, 13.3190.



This preview shows how white text looks on a background with the YUV color 163.8130, 30.6582, 13.3190.

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

163.8130, 30.6582, 13.3190

Protanopia

158.9440, 38.4816, -22.7529

Deuteranopia

159.4300, 31.3400, -18.7941



Tritanopia

161.2550, 3.3253, 6.7924

Trichromacy



Original Color

163.8130, 30.6582, 13.3190

Protanomaly

160.6360, 35.6755, -9.3278

Deuteranomaly

161.0940, 31.0127, -7.0984

Tritanomaly

162.4970, 13.0660, 9.2111

Monochromacy



Original Color

163.8130, 30.6582, 13.3190

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0080, 11.3351, 4.3780

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8130, 30.6582, 13.3190 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(179, 144, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 144, 226)  
}
```

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(179, 144, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 144, 226) }
```

Border

The CSS property to change the border of an element to YUV 163.8130, 30.6582, 13.3190 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(179, 144, 226) }
```


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

```
.border{ border-color:rgb(179, 144, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 144, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 144, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 144, 226);  
box-shadow:4px 4px 4px 4px rgb(179, 144,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 163.8130, 30.6582, 13.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 144, 226) }
```

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

```
.background{ background-color: rgb(179,  
144, 226) }
```

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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