

Converting Colors

YUV(180.9430, 30.1011, 5.3120)

Have a look what the booklet for
YUV(180.9430, 30.1011, 5.3120)
contains.

YUV(180.9430, 30.1011, 5.3120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.9430, 30.1011,
5.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA6F2
RGB	187, 166, 242
RGB Percent	73%, 65%, 95%
CMY	0.2667, 0.3490, 0.0510
CMYK	0.23, 0.31, 0.00, 0.05
HSL	257°, 75%, 80%
HSV	257°, 31%, 95%
XYZ	50.1567, 44.2480, 89.9016
YIQ	180.9430, -11.8800, 28.0880

Conversions

Conversions Part 2

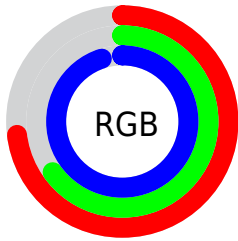
Format	Color
R _{YB}	187, 166, 242
Decimal	12297970
CIE Lab	72.39, 23.04, -35.23
CIE LCh	72, 42.091, 303.188
Yxy	44.2480, 0.2721, 0.2401
Android (android.graphics.Color)	4290488050 (0xFFBBA6F2)
YUV	180.9430, 30.1011, 5.3120
Hunter-Lab	66.5192, 18.1838, -33.5678

Details

The YUV color **180.9430, 30.1011, 5.3120** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **227.0570, -30.1011, -5.3120**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.7530, 11.4608, 10.7406**, and **127.5900, 28.7961, 3.8676** is the 20% darker color. If you saturate the color by 10%, you get **161.4730, 39.6998, 6.6012**, and if you desaturate by 10%, it is **200.4130, 20.5024, 4.0228**.

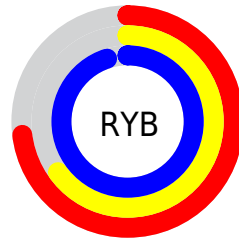
Distribution



Red (73%)

Green (65%)

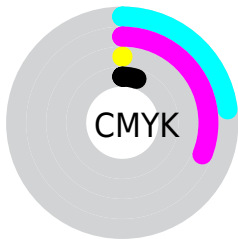
Blue (95%)



Red (73%)

Yellow (65%)

Blue (95%)

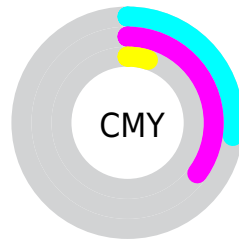


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.9430, 30.1011, 5.3120 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 180.9430, 30.1011, 5.3120 by changing the saturation by 10% instead.

180.9430, 30.1011,
5.3120

180.9430, 30.1011,
5.3120

255.0000, 0.0000,
0.0000

154.0030, 29.0855,
4.3824

231.7530, 11.4608,
10.7406

127.5900, 28.7961,
3.8676

252.0650, 1.4470,
2.5740

101.9490, 27.6331,
3.5527

77.7100, 26.7650,
2.0083

53.7700, 25.7494,
1.0787

31.2320, 25.0286,
-1.0805

8.5200, 24.8866,

-2.2100

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 180.9430, 30.1011,
5.3120

■ 180.9430, 30.1011,
5.3120

■ 161.4730, 39.6998,
6.6012

■ 200.4130, 20.5024,
4.0228

■ 142.3020, 49.1511,
8.5051

■ 219.5840, 11.0511,
2.1188

■ 122.2450, 59.0392,
10.3091

■ 239.6410, 1.1630,
0.3148

■ 103.0740, 68.4905,
12.2131

■ 253.5180, -5.6784,
1.2997

■ 83.6040, 78.0892,
13.5023

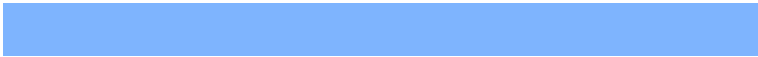
■ 64.4330, 87.5405,
15.4063

■ 47.6210, 95.8288,
16.9954

Harmonies

Analogous

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



172.2900, 40.2830, -40.5963



180.9430, 30.1011, 5.3120



182.5640, 15.0049, 40.7244

Triad

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



180.9430, 30.1011, 5.3120



176.9910, -33.0266, 46.4889



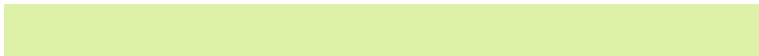
150.9130, 14.8329, -91.1317

Complementary

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



180.9430, 30.1011, 5.3120



227.0570, -30.1011, -5.3120

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.



163.5430, -10.6207, -46.9572



180.9430, 30.1011, 5.3120



174.5010, -36.7290, 20.6086

Square

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



180.9430, 30.1011, 5.3120



178.7060, -20.5611, 61.6478



170.3660, -28.7744, -10.8450



140.4910, 38.2119, -123.2106

Rectangle

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



180.9430, 30.1011, 5.3120



181.8620, 3.0260, 56.2490



170.3660, -28.7744, -10.8450



156.2050, 5.3219, -73.8478

Sweetspot

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



180.9430, 30.1011, 5.3120



236.4160, 9.1619, 1.3892



207.5360, 16.9908, -36.4271



115.9060, 5.9623, 0.9594



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.



180.9430, 30.1011, 5.3120



177.1310, 38.3894, 6.9011



192.0060, 24.6470, 28.0587



110.2650, 4.7994, 0.6446



36.2250, 72.8531, 12.9577



11.1680, 22.1022, 4.2377

Inverse Universe

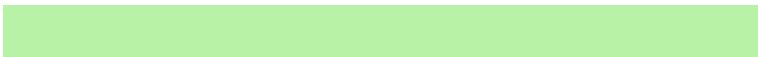
The Inverse Universe completely reimagines the original color for something new.



194.9940, 12.8210, 41.2243



194.9830, 16.2774, 52.6349



215.9940, -24.6470, -28.0587



112.6140, 2.1623, 6.4775



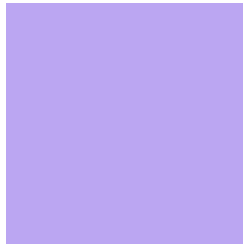
70.1780, 30.9712, 99.8219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 180.9430, 30.1011, 5.3120 looks on a white background.

Color Contrast Check

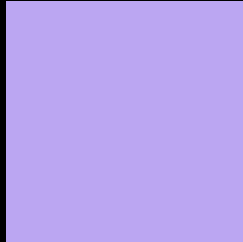
Large Text (above 18pt) WCAG AA × Fail

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 180.9430, 30.1011, 5.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

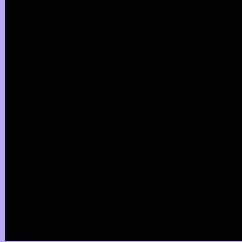
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.9430, 30.1011, 5.3120

Background



This preview shows how black text looks on a background with the YUV color 180.9430, 30.1011, 5.3120.



This preview shows how white text looks on a background with the YUV color 180.9430, 30.1011,

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

180.9430, 30.1011, 5.3120

Protanopia

177.4560, 35.2712, -19.6939

Deuteranopia

177.9250, 30.6030, -15.7202



Tritanopia

177.8950, 5.9678, -0.7849

Trichromacy



Original Color

180.9430, 30.1011, 5.3120

Protanomaly

178.9410, 33.0601, -10.4723

Deuteranomaly

179.2680, 30.4339, -8.1280

Tritanomaly

178.9090, 14.8349, 1.8338

Monochromacy



Original Color

180.9430, 30.1011, 5.3120

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1710, 10.7617, 1.6040

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.9430, 30.1011, 5.3120 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(187, 166, 242)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 242)  
}
```

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(187, 166, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 242) }
```

Border

The CSS property to change the border of an element to YUV 180.9430, 30.1011, 5.3120 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(187, 166, 242) }
```


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

```
.border{ border-color:rgb(187, 166, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 242);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 180.9430, 30.1011, 5.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 242) }
```

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

```
.background{ background-color: rgb(187,  
166, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor