

Converting Colors

YUV(179.5240, 32.2797, 6.5565)

Have a look what the booklet for
YUV(179.5240, 32.2797, 6.5565)
contains.

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Color

**YUV(179.5240, 32.2797,
6.5565)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA3F5
RGB	187, 163, 245
RGB Percent	73%, 64%, 96%
CMY	0.2667, 0.3608, 0.0392
CMYK	0.24, 0.33, 0.00, 0.04
HSL	258°, 80%, 80%
HSV	258°, 33%, 96%
XYZ	50.0721, 43.3518, 92.1148
YIQ	179.5240, -12.0180, 30.5900

Conversions

Conversions Part 2

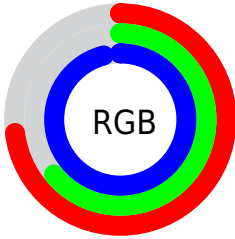
Format	Color
R _Y B	187, 163, 245
Decimal	12297205
CIE Lab	71.79, 25.40, -37.79
CIE LCh	72, 45.533, 303.911
Yxy	43.3518, 0.2699, 0.2337
Android (android.graphics.Color)	4290487285 (0xFFBBA3F5)
YUV	179.5240, 32.2797, 6.5565
Hunter-Lab	65.8420, 20.5237, -36.8589

Details

The YUV color $179.5240, 32.2797, 6.5565$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $228.4760, -32.2797, -6.5565$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.9920, 12.3289, 12.2850$, and $126.0570, 30.5379, 5.2120$ is the 20% darker color. If you saturate the color by 10%, you get $160.3530, 41.7310, 8.4604$, and if you desaturate by 10%, it is $198.6950, 22.8284, 4.6525$.

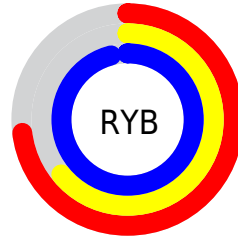
Distribution



Red (73%)

Green (64%)

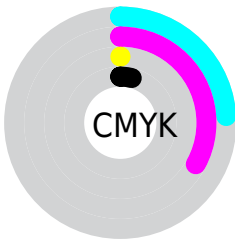
Blue (96%)



Red (73%)

Yellow (64%)

Blue (96%)

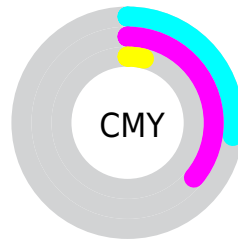


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (27%)


Magenta (36%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.5240, 32.2797, 6.5565 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 179.5240, 32.2797, 6.5565 by changing the saturation by 10% instead.


 179.5240, 32.2797,
6.5565

 179.5240, 32.2797,
6.5565


255.0000, 0.0000,
0.0000


 152.5840, 31.2641,
5.6268


 229.9920, 12.3289,
12.2850


 126.0570, 30.5379,
5.2120

 250.3040, 2.3151,
4.1184

 101.1170, 29.5223,
4.2824

 76.2910, 28.9435,
3.2528

 52.6390, 27.7860,
1.1936

 29.6880, 26.7758,
-1.4804

 8.4490, 25.9076,

-3.0248

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 179.5240, 32.2797,
6.5565

■ 179.5240, 32.2797,
6.5565

■ 160.3530, 41.7310,
8.4604

■ 198.6950, 22.8284,
4.6525

■ 140.2960, 51.6191,
10.2644

■ 218.7520, 12.9403,
2.8485

■ 121.1250, 61.0704,
12.1684

■ 237.9230, 3.4890,
0.9445

■ 101.3670, 70.8111,
14.5871

■ 253.8600, -4.3680,
0.9998

■ 81.8970, 80.4098,
15.8763

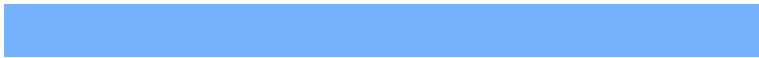
■ 62.1390, 90.1505,
18.2951

■ 49.4580, 96.4022,
19.7693

Harmonies

Analogous

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



169.1370, 42.3305, -43.9701



179.5240, 32.2797, 6.5565



181.1130, 15.7203, 44.6279

Triad

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



179.5240, 32.2797, 6.5565



175.2040, -36.0896, 48.9331



136.7460, 21.3242, -119.9262

Complementary

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



179.5240, 32.2797, 6.5565



228.4760, -32.2797, -6.5565

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.



160.0970, -10.8938, -52.7051



179.5240, 32.2797, 6.5565



172.0020, -39.9340, 21.9232

Square

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



179.5240, 32.2797, 6.5565



176.6850, -22.0297, 66.0513



167.4860, -30.8056, -12.7042



140.2460, 39.8117, -122.9957

Rectangle

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



179.5240, 32.2797, 6.5565



179.5960, 3.1572, 60.8673



167.4860, -30.8056, -12.7042



149.2140, 8.2755, -87.8877

Sweetspot

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



179.5240, 32.2797, 6.5565



234.9430, 9.8881, 1.8040



206.9810, 18.7434, -38.5713



115.3190, 6.2517, 1.4742



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.



179.5240, 32.2797, 6.5565



173.5980, 40.1312, 8.2456



191.4840, 26.3834, 31.1475



112.5640, 4.6519, 1.2594



37.3500, 73.2845, 14.6020



11.8090, 23.2652, 4.5525

Inverse Universe

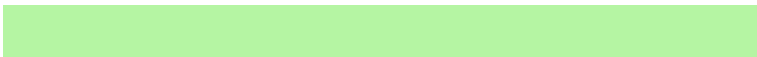
The Inverse Universe completely reimagines the original color for something new.



194.1300, 13.2469, 44.6130



191.7060, 16.4139, 55.5088



216.5160, -26.3834, -31.1475



114.6140, 2.1623, 6.4775



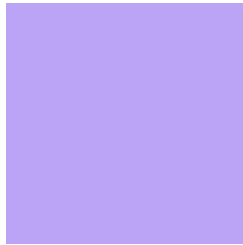
70.6620, 30.2396, 101.1514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 179.5240, 32.2797, 6.5565 looks on a white background.

Color Contrast Check

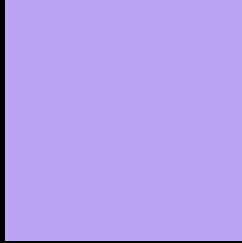
Large Text (above 18pt) WCAG AA × Fail

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 179.5240, 32.2797, 6.5565 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 179.5240, 32.2797, 6.5565

Background



This preview shows how black text looks on a background with the YUV color 179.5240, 32.2797, 6.5565.



This preview shows how white text looks on a background with the YUV color 179.5240, 32.2797,

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

179.5240, 32.2797, 6.5565

Protanopia

175.2430, 38.3342, -22.1381

Deuteranopia

175.8860, 33.0872, -19.1940



Tritanopia

176.4930, 5.6730, 0.4446

Trichromacy



Original Color

179.5240, 32.2797, 6.5565

Protanomaly

176.4400, 36.2651, -11.7869

Deuteranomaly

177.2400, 32.9127, -9.8575

Tritanomaly

177.7350, 15.4136, 2.8634

Monochromacy



Original Color

179.5240, 32.2797, 6.5565

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1110, 11.7773, 2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5240, 32.2797, 6.5565 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, 163, 245)` looks like.

```
.text, #text, p{  
    color:rgb(187, 163, 245)  
}
```

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, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 163, 245) }
```

Border

The CSS property to change the border of an element to YUV 179.5240, 32.2797, 6.5565 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, 163, 245) }
```


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

```
.border{ border-color:rgb(187, 163, 245) }
```

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

Here you see how a box with a 4 pixel rgb(187, 163, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 163, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 163, 245);  
box-shadow:4px 4px 4px 4px rgb(187, 163,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 179.5240, 32.2797, 6.5565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 163, 245) }
```

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

```
.background{ background-color: rgb(187,  
163, 245) }
```

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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