

Converting Colors

YUV(165.7640, 31.6683,
15.9930)

Have a look what the booklet for
YUV(165.7640, 31.6683, 15.9930)
contains.

YUV(165.7640, 31.6683, 15.9930)	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(165.7640, 31.6683,
15.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	B890E6
RGB	184, 144, 230
RGB Percent	72%, 56%, 90%
CMY	0.2784, 0.4353, 0.0980
CMYK	0.20, 0.37, 0.00, 0.10
HSL	268°, 63%, 73%
HSV	268°, 37%, 90%
XYZ	44.0234, 35.8500, 79.4624
YIQ	165.7640, -3.7660, 35.2260

Conversions

Conversions Part 2

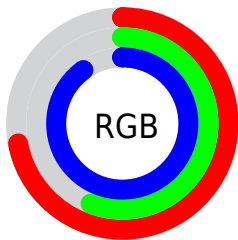
Format	Color
R_{YB}	184, 144, 230
Decimal	12095718
CIE _{Lab}	66.41, 31.66, -37.99
CIE _{LCh}	66, 49.453, 309.812
Yxy	35.8500, 0.2763, 0.2250
Android (android.graphics.Color)	4290285798 (0xFFB890E6)
YUV	165.7640, 31.6683, 15.9930
Hunter-Lab	59.8749, 26.4620, -36.7737

Details

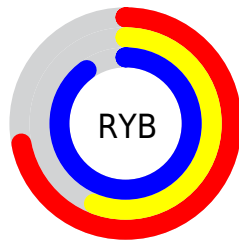
The YUV color **165.7640, 31.6683, 15.9930** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **208.2360, -31.6683, -15.9930**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.3550, 18.5590, 20.7367**, and **112.9980, 30.0740, 14.0338** is the 20% darker color. If you saturate the color by 10%, you get **148.6750, 40.0932, 20.4560**, and if you desaturate by 10%, it is **182.8530, 23.2435, 11.5299**.

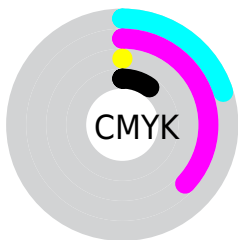
Distribution



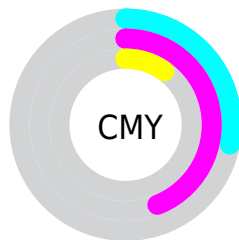
- Red (72%)
- Green (56%)
- Blue (90%)



- Red (72%)
- Yellow (56%)
- Blue (90%)



- Cyan (20%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)





- Cyan (28%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.7640, 31.6683, 15.9930 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 165.7640, 31.6683, 15.9930 by changing the saturation by 10% instead.


 165.7640, 31.6683,
15.9930


 165.7640, 31.6683,
15.9930


255.0000, 0.0000,
0.0000


 138.9380, 31.0896,
14.9634


 217.3550, 18.5590,
20.7367


 112.9980, 30.0740,
14.0338

 237.9770, 8.3923,
14.9292

 88.0580, 29.0584,
13.1041

 63.2320, 28.4796,
12.0745

 39.9930, 27.6115,
10.5301

 16.5690, 27.3275,
8.2710

 5.5860, 21.4031,

-4.8989

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 165.7640, 31.6683,
15.9930

■ 165.7640, 31.6683,
15.9930

■ 148.6750, 40.0932,
20.4560

■ 182.8530, 23.2435,
11.5299

■ 131.2870, 48.6655,
24.3043

■ 200.2410, 14.6712,
7.6816

■ 114.1980, 57.0904,
28.7674

■ 217.3300, 6.2463,
3.2186

■ 97.1090, 65.5153,
33.2304

■ 234.4190, -2.1786,
-1.2445

■ 79.7210, 74.0875,
37.0787

■ 249.4590, -9.5933,
-3.0335

■ 62.6320, 82.5124,
41.5417

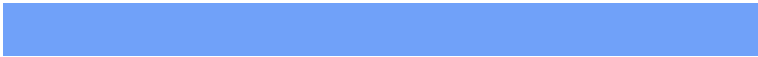
■ 252.1500,
-10.9200, 2.4994

■ 58.2130, 84.6910,
42.7862

Harmonies

Analogous

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



156.3810, 45.6612, -38.9221



165.7640, 31.6683, 15.9930



165.5980, 13.5092, 53.8496

Triad

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



165.7640, 31.6683, 15.9930



159.0420, -40.4467, 46.4442



127.9580, 23.1917, -112.2192

Complementary

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



165.7640, 31.6683, 15.9930



208.2360, -31.6683, -15.9930

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.



138.8820, -4.8718, -70.9335



165.7640, 31.6683, 15.9930



156.2740, -42.5331, 15.5457

Square

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



165.7640, 31.6683, 15.9930



160.8440, -26.5451, 67.6658



150.4740, -29.3207, -22.3407



131.5720, 42.1160, -115.3886

Rectangle

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



165.7640, 31.6683, 15.9930



163.8420, 0.0779, 68.5446



150.4740, -29.3207, -22.3407



126.2480, 16.6397, -110.7195

Sweetspot

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



165.7640, 31.6683, 15.9930



234.0790, 10.3141, 5.1927



181.3930, 23.9633, -32.7937



115.3300, 6.2463, 3.2186



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.



165.7640, 31.6683, 15.9930



169.2560, 42.2718, 21.7005



178.3220, 25.4773, 41.8136



106.1620, 4.3571, 2.4889



45.2230, 65.9521, 33.1304



12.9900, 18.7389, 9.6558

Inverse Universe

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



174.9580, 7.4157, 48.2718



181.4530, 10.1297, 64.5007



195.6780, -25.4773, -41.8136



107.2720, 0.8519, 6.7775



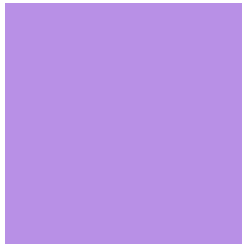
64.3510, 15.1100, 100.5472



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 165.7640, 31.6683, 15.9930 looks on a white background.

Color Contrast Check

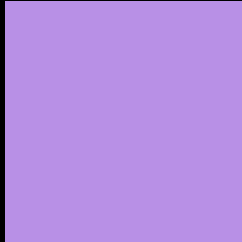
Large Text (above 18pt) WCAG AA × Fail

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 165.7640, 31.6683, 15.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

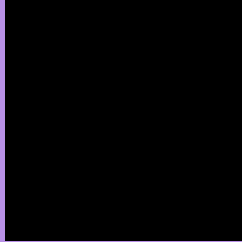
Any Text WCAG AA ✓ Pass

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 165.7640, 31.6683, 15.9930 Background



This preview shows how black text looks on a background with the YUV color 165.7640, 31.6683, 15.9930.



This preview shows how white text looks on a background with the YUV color 165.7640, 31.6683,

15.9930.

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

165.7640, 31.6683, 15.9930

Protanopia

160.6880, 40.0868, -24.2824

Deuteranopia

161.3590, 32.3610, -19.6088



Tritanopia

163.4510, 2.7357, 9.2515

Trichromacy



Original Color

165.7640, 31.6683, 15.9930

Protanomaly

162.9780, 36.9858, -9.6277

Deuteranomaly

162.7350, 32.1756, -6.7836

Tritanomaly

164.2200, 13.2025, 12.0851

Monochromacy



Original Color

165.7640, 31.6683, 15.9930

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7640, 31.6683, 15.9930 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(184, 144, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 230)  
}
```

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(184, 144, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 230) }
```

Border

The CSS property to change the border of an element to YUV 165.7640, 31.6683, 15.9930 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(184, 144, 230) }
```


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

```
.border{ border-color:rgb(184, 144, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 144, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 144, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 144,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 165.7640, 31.6683, 15.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 230) }
```

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

```
.background{ background-color: rgb(184,  
144, 230) }
```

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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