

Converting Colors

YUV(165.9750, 31.5643, 2.6529)

Have a look what the booklet for
YUV(165.9750, 31.5643, 2.6529)
contains.

YUV(165.9750, 31.5643, 2.6529)	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(165.9750, 31.5643,
2.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	A998E6
RGB	169, 152, 230
RGB Percent	66%, 60%, 90%
CMY	0.3373, 0.4039, 0.0980
CMYK	0.27, 0.34, 0.00, 0.10
HSL	253°, 61%, 75%
HSV	253°, 34%, 90%
XYZ	41.8733, 36.6047, 79.7214
YIQ	165.9750, -14.9060, 27.8620

Conversions

Conversions Part 2

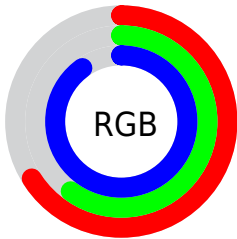
Format	Color
RYB	169, 152, 230
Decimal	11114726
CIELab	66.98, 22.79, -37.19
CIELCh	67, 43.617, 301.492
Yxy	36.6047, 0.2647, 0.2314
Android (android.graphics.Color)	4289304806 (0xFFA998E6)
YUV	165.9750, 31.5643, 2.6529
Hunter-Lab	60.5018, 17.6619, -35.7734

Details

The YUV color **165.9750, 31.5643, 2.6529** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **216.0250, -31.5643, -2.6529**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2670, 18.6024, 6.7818**, and **113.5080, 29.8226, 1.3085** is the 20% darker color. If you saturate the color by 10%, you get **147.0920, 40.8736, 3.4273**, and if you desaturate by 10%, it is **184.8580, 22.2550, 1.8785**.

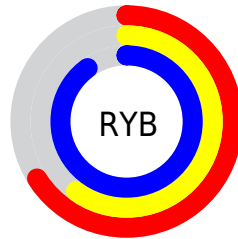
Distribution



Red (66%)

Green (60%)

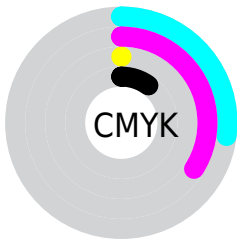
Blue (90%)



Red (66%)

Yellow (60%)

Blue (90%)

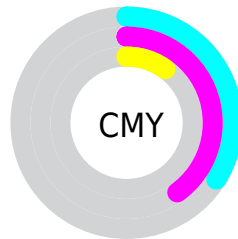


Cyan (27%)

Magenta (34%)

Yellow (0%)

Black (10%)



Cyan (34%)

Magenta (40%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9750, 31.5643, 2.6529 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 165.9750, 31.5643, 2.6529 by changing the saturation by 10% instead.

■ 165.9750, 31.5643,
2.6529

■ 165.9750, 31.5643,
2.6529

■ 255.0000, 0.0000,
0.0000

■ 139.4480, 30.8381,
2.2381

■ 217.2670, 18.6024,
6.7818

■ 113.5080, 29.8226,
1.3085

■ 243.2600, 5.7878,
10.2960

■ 88.5680, 28.8070,
0.3789

■ 64.3290, 27.9388,
-1.1655

■ 40.7910, 27.2180,
-3.3247

■ 17.0460, 27.0923,
-9.6873

■ 5.5860, 21.4031,

-4.8989

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 165.9750, 31.5643,
2.6529

■ 165.9750, 31.5643,
2.6529

■ 147.0920, 40.8736,
3.4273

■ 184.8580, 22.2550,
1.8785

■ 128.2090, 50.1830,
4.2017

■ 203.7410, 12.9457,
1.1041

■ 109.3260, 59.4923,
4.9761

■ 222.6240, 3.6364,
0.3298

■ 90.4430, 68.8016,
5.7505

■ 241.5070, -5.6730,
-0.4446

■ 71.5600, 78.1109,
6.5249

■ 252.1500,
-10.9200, 2.4994

■ 52.6770, 87.4202,
7.2993

■ 41.1700, 93.0932,
7.7439

Harmonies

Analogous

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



155.4140, 42.1939, -46.8441



165.9750, 31.5643, 2.6529



167.6070, 16.4627, 39.8097

Triad

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



165.9750, 31.5643, 2.6529



162.0020, -33.0320, 48.2332



126.1170, 18.6763, -110.6046

Complementary

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



165.9750, 31.5643, 2.6529



216.0250, -31.5643, -2.6529

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.



148.5000, -12.0785, -46.0425



165.9750, 31.5643, 2.6529



159.2840, -37.6080, 22.5529

Square

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



165.9750, 31.5643, 2.6529



163.9450, -19.6929, 63.1922



155.6220, -30.3796, -9.3155



129.9760, 36.0008, -113.9890

Rectangle

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



165.9750, 31.5643, 2.6529



166.6170, 4.6258, 56.4639



155.6220, -30.3796, -9.3155



139.1720, 5.3382, -79.0808

Sweetspot

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



165.9750, 31.5643, 2.6529



234.3450, 10.1829, 0.5744



196.6990, 16.4174, -39.2010



115.0200, 6.3991, 0.8595



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.



165.9750, 31.5643, 2.6529



168.8470, 42.4734, 3.6422



177.6360, 25.8155, 26.6292



105.2650, 4.7994, 0.6446



32.0670, 72.4380, 6.0802



9.1030, 20.6552, 1.6637

Inverse Universe

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



182.2760, 15.1469, 41.8539



190.7430, 20.3397, 56.3534



204.3640, -25.8155, -26.6292



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 165.9750, 31.5643, 2.6529 looks on a white background.

Color Contrast Check

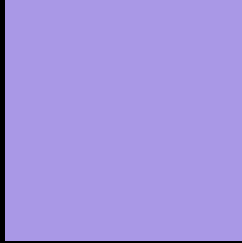
Large Text (above 18pt) WCAG AA × Fail

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 165.9750, 31.5643, 2.6529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

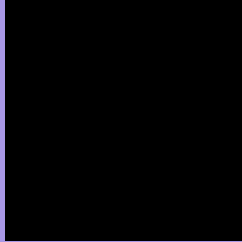
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9750, 31.5643, 2.6529

Background



This preview shows how black text looks on a background with the YUV color 165.9750, 31.5643, 2.6529.



This preview shows how white text looks on a background with the YUV color 165.9750, 31.5643, 2.6529.

2.6529.

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

165.9750, 31.5643, 2.6529

Protanopia

162.2000, 36.8764, -21.2234

Deuteranopia

162.3590, 32.3610, -19.6088



Tritanopia

163.2860, 6.2680, -3.7588

Trichromacy



Original Color

165.9750, 31.5643, 2.6529

Protanomaly

163.3860, 34.8127, -12.6165

Deuteranomaly

164.0010, 32.0445, -11.4019

Tritanomaly

164.4140, 15.5719, -1.2401

Monochromacy



Original Color

165.9750, 31.5643, 2.6529

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9860, 11.3459, 0.8893

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9750, 31.5643, 2.6529 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(169, 152, 230)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 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(169, 152, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 230) }
```

Border

The CSS property to change the border of an element to YUV 165.9750, 31.5643, 2.6529 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(169, 152, 230) }
```


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

```
.border{ border-color:rgb(169, 152, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 230);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 165.9750, 31.5643, 2.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 230) }
```

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

```
.background{ background-color: rgb(169,  
152, 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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