

Converting Colors

YUV(161.7800, 30.6745, 8.0859)

Have a look what the booklet for
YUV(161.7800, 30.6745, 8.0859)
contains.

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Color

**YUV(161.7800, 30.6745,
8.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	AB91E0
RGB	171, 145, 224
RGB Percent	67%, 57%, 88%
CMY	0.3294, 0.4314, 0.1216
CMYK	0.24, 0.35, 0.00, 0.12
HSL	260°, 56%, 72%
HSV	260°, 35%, 88%
XYZ	40.3745, 34.2905, 75.0118
YIQ	161.7800, -9.8630, 30.0810

Conversions

Conversions Part 2

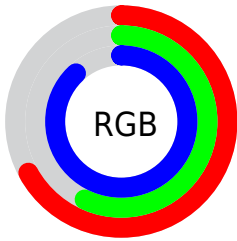
Format	Color
R_{YB}	171, 145, 224
Decimal	11244000
CIE _{Lab}	65.19, 25.89, -36.65
CIE _{LCh}	65, 44.875, 305.239
Yxy	34.2905, 0.2697, 0.2291
Android (android.graphics.Color)	4289434080 (0xFFAB91E0)
YUV	161.7800, 30.6745, 8.0859
Hunter-Lab	58.5581, 20.5951, -34.9586

Details

The YUV color $161.7800, 30.6745, 8.0859$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $207.2200, -30.6745, -8.0859$, and the grayscale version is $161.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $213.7560, 20.3333, 11.6150$, and $109.3130, 28.9327, 6.7415$ is the 20% darker color. If you saturate the color by 10%, you get $144.3810, 39.2522, 10.1899$, and if you desaturate by 10%, it is $179.1790, 22.0968, 5.9820$.

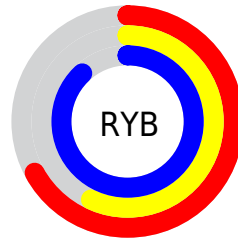
Distribution



Red (67%)

Green (57%)

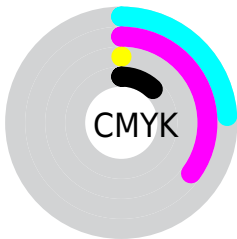
Blue (88%)



Red (67%)

Yellow (57%)

Blue (88%)

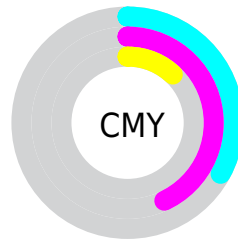


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (12%)



Cyan (33%)

Magenta (43%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.7800, 30.6745, 8.0859 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 161.7800, 30.6745, 8.0859 by changing the saturation by 10% instead.

161.7800, 30.6745,
8.0859

161.7800, 30.6745,
8.0859

255.0000, 0.0000,
0.0000

135.2530, 29.9483,
7.6711

213.7560, 20.3333,
11.6150

109.3130, 28.9327,
6.7415

238.5640, 8.1029,
14.4144

84.4870, 28.3539,
5.7119

61.1340, 27.0489,
4.2675

37.5960, 26.3282,
2.1083

14.1720, 26.0442,
-0.1508

5.0160, 19.2191,

-4.3990

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 161.7800, 30.6745,
8.0859

■ 161.7800, 30.6745,
8.0859

■ 144.3810, 39.2522,
10.1899

■ 179.1790, 22.0968,
5.9820

■ 126.3950, 48.1193,
12.8086

■ 197.1650, 13.2297,
3.3633

■ 108.9960, 56.6970,
14.9125

■ 214.5640, 4.6519,
1.2594

■ 91.0100, 65.5641,
17.5312

■ 232.5500, -4.2152,
-1.3594

■ 73.6110, 74.1418,
19.6352

■ 248.7750,
-12.2141, -2.4337

■ 56.2120, 82.7195,
21.7391

■ 251.4660,
-13.5407, 3.0993

■ 47.6620, 86.9346,
23.0984

Harmonies

Analogous

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



152.1480, 42.3250, -42.2258



161.7800, 30.6745, 8.0859



162.8850, 14.8467, 44.8279

Triad

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



161.7800, 30.6745, 8.0859



157.0080, -35.4999, 46.4740



123.7690, 19.8339, -108.5454

Complementary

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



161.7800, 30.6745, 8.0859



207.2200, -30.6745, -8.0859

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.



141.2540, -8.9992, -53.7198



161.7800, 30.6745, 8.0859



154.0340, -38.4708, 19.2642

Square

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



161.7800, 30.6745, 8.0859



158.9620, -22.1663, 63.1773



149.5290, -29.3478, -13.6189



127.0410, 37.4478, -111.4150

Rectangle

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



161.7800, 30.6745, 8.0859



161.3570, 2.2890, 59.3229



149.5290, -29.3478, -13.6189



123.6790, 12.9763, -102.3275

Sweetspot

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



161.7800, 30.6745, 8.0859



232.8830, 10.9037, 2.7336



185.7040, 18.8799, -35.6974



114.4330, 6.6885, 1.3743



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.



161.7800, 30.6745, 8.0859



170.6630, 41.5781, 10.8195



173.4410, 24.9256, 32.0622



103.4500, 4.2151, 1.3593



37.4060, 68.3268, 18.0609



10.2560, 18.6078, 5.0375

Inverse Universe

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



174.6630, 11.5051, 43.2685



188.2010, 15.6769, 58.5827



195.5590, -24.9256, -32.0622



105.2010, 1.8729, 5.9627



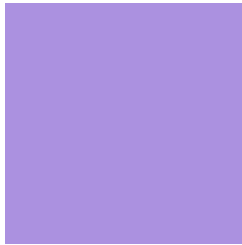
66.0760, 25.5985, 96.4033



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 161.7800, 30.6745, 8.0859 looks on a white background.

Color Contrast Check

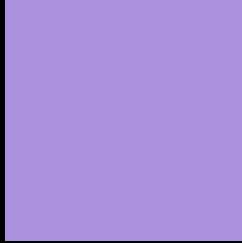
Large Text (above 18pt) WCAG AA × Fail

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 161.7800, 30.6745, 8.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

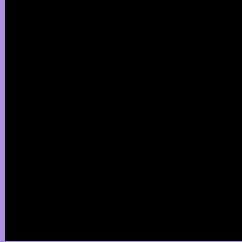
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.7800, 30.6745, 8.0859

Background



This preview shows how black text looks on a background with the YUV color 161.7800, 30.6745, 8.0859.



This preview shows how white text looks on a background with the YUV color 161.7800, 30.6745,

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

161.7800, 30.6745, 8.0859

Protanopia

157.9010, 37.0238, -21.8382

Deuteranopia

158.1310, 31.4874, -19.4089



Tritanopia

158.9770, 4.9413, 1.7742

Trichromacy



Original Color

161.7800, 30.6745, 8.0859

Protanomaly

159.3970, 34.8073, -10.8722

Deuteranomaly

159.7840, 31.1655, -9.4576

Tritanomaly

160.1050, 14.2452, 4.2929

Monochromacy



Original Color

161.7800, 30.6745, 8.0859

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9970, 11.3405, 2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7800, 30.6745, 8.0859 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(171, 145, 224)` looks like.

```
.text, #text, p{  
    color:rgb(171, 145, 224)  
}
```

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(171, 145, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 145, 224) }
```

Border

The CSS property to change the border of an element to YUV 161.7800, 30.6745, 8.0859 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(171, 145, 224) }
```


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

```
.border{ border-color:rgb(171, 145, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 145, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 145, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 145, 224);  
box-shadow:4px 4px 4px 4px rgb(171, 145,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 161.7800, 30.6745, 8.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 145, 224) }
```

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

```
.background{ background-color: rgb(171,  
145, 224) }
```

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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