

Converting Colors

YUV(159.7220, 28.7311,
24.7998)

Have a look what the booklet for
YUV(159.7220, 28.7311, 24.7998)
contains.

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Color

**YUV(159.7220, 28.7311,
24.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	BC86DA
RGB	188, 134, 218
RGB Percent	74%, 53%, 85%
CMY	0.2627, 0.4745, 0.1451
CMYK	0.14, 0.39, 0.00, 0.15
HSL	279°, 53%, 69%
HSV	279°, 39%, 85%
XYZ	41.9190, 32.8035, 70.4520
YIQ	159.7220, 5.2200, 37.5720

Conversions

Conversions Part 2

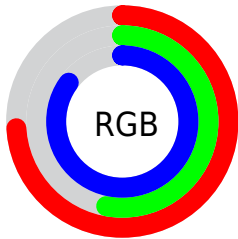
Format	Color
R_{YB}	188, 134, 218
Decimal	12355290
CIE _{Lab}	64.00, 35.76, -35.05
CIE _{LCh}	64, 50.073, 315.573
Yxy	32.8035, 0.2887, 0.2260
Android (android.graphics.Color)	4290545370 (0xFFBC86DA)
YUV	159.7220, 28.7311, 24.7998
Hunter-Lab	57.2744, 30.4138, -32.8394

Details

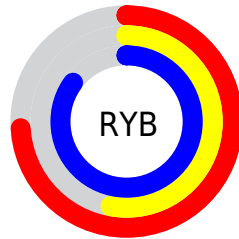
The YUV color **159.7220, 28.7311, 24.7998** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **192.2780, -28.7311, -24.7998**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6810, 20.8633, 28.3438**, and **107.0700, 27.5735, 22.7406** is the 20% darker color. If you saturate the color by 10%, you get **144.4160, 36.2769, 31.2072**, and if you desaturate by 10%, it is **175.0280, 21.1852, 18.3924**.

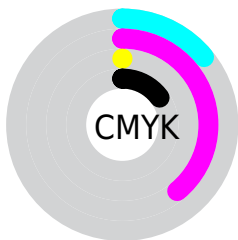
Distribution



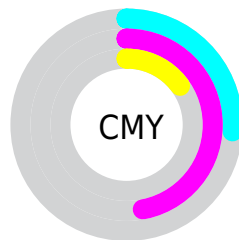
- Red (74%)
- Green (53%)
- Blue (85%)



- Red (74%)
- Yellow (53%)
- Blue (85%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7220, 28.7311, 24.7998 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 159.7220, 28.7311, 24.7998 by changing the saturation by 10% instead.

159.7220, 28.7311,
24.7998

159.7220, 28.7311,
24.7998

255.0000, 0.0000,
0.0000

132.8960, 28.1523,
23.7702

212.6810, 20.8633,
28.3438

107.0700, 27.5735,
22.7406

232.1070, 11.2862,
20.0772

82.1300, 26.5579,
21.8110

249.1300, 2.8939,
5.1480

57.3040, 25.9791,
20.7814

32.4180, 26.4159,
20.6814

16.9350, 22.2170,
14.0890

4.4460, 17.0351,

-3.8991

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 159.7220, 28.7311,
24.7998

■ 159.7220, 28.7311,
24.7998

■ 144.4160, 36.2769,
31.2072

■ 175.0280, 21.1852,
18.3924

■ 129.1100, 43.8228,
37.6145

■ 190.3340, 13.6393,
11.9851

■ 114.6900, 50.9318,
44.1219

■ 204.7540, 6.5303,
5.4777

■ 99.3840, 58.4777,
50.5292

■ 220.0600, -1.0156,
-0.9296

■ 84.0780, 66.0235,
56.9366

■ 235.3660, -8.5614,
-7.3370

■ 68.7720, 73.5694,
63.3440

■ 244.8020,
-13.2134, -8.5964

■ 66.7120, 74.5850,
64.2736

■ 246.8950,
-14.2452, -4.2929

■ 249.2870,
-15.4245, 0.6253

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



152.8770, 43.4446, -27.9561



159.7220, 28.7311, 24.7998



158.4200, 10.1459, 59.2677

Triad

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



159.7220, 28.7311, 24.7998



152.2540, -42.0302, 40.9962



124.7780, 26.2384, -109.4303

Complementary

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



159.7220, 28.7311, 24.7998



192.2780, -28.7311, -24.7998

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.



121.2360, 4.8137, -97.5540



159.7220, 28.7311, 24.7998



148.5720, -41.2010, 8.2684

Square

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



159.7220, 28.7311, 24.7998



153.9100, -30.0286, 64.9769



142.3420, -25.8046, -30.1179



126.9900, 44.8679, -111.3702

Rectangle

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



159.7220, 28.7311, 24.7998



155.8270, -3.8587, 71.1887



142.3420, -25.8046, -30.1179



122.9540, 19.2497, -107.8307

Sweetspot

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



159.7220, 28.7311, 24.7998



233.5140, 10.5926, 9.1962



161.7730, 27.7199, -24.3569



115.3410, 6.2409, 4.9629



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.



159.7220, 28.7311, 24.7998



173.7630, 40.0498, 34.4108



167.4380, 19.5041, 44.3429



102.3470, 3.7729, 3.2037



52.9110, 59.2039, 50.9441



14.2140, 15.6705, 13.8443

Inverse Universe

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



162.5360, 0.7218, 48.6419



177.7710, 1.0989, 67.7298



184.5620, -19.5041, -44.3429



102.7450, 0.1257, 6.3626



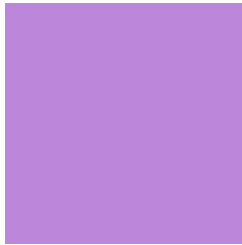
58.7950, 1.5801, 100.1578



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 159.7220, 28.7311, 24.7998 looks on a white background.

Color Contrast Check

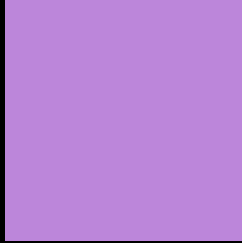
Large Text (above 18pt) WCAG AA × Fail

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 159.7220, 28.7311, 24.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

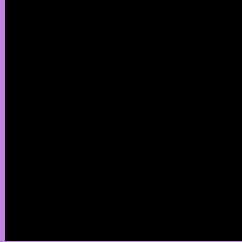
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.7220, 28.7311, 24.7998

Background



This preview shows how black text looks on a background with the YUV color 159.7220, 28.7311, 24.7998.



This preview shows how white text looks on a background with the YUV color 159.7220, 28.7311,

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

159.7220, 28.7311, 24.7998

Protanopia

154.6450, 38.6290, -23.3677

Deuteranopia

154.8710, 29.1506, -16.5499



Tritanopia

157.8220, 0.0878, 18.5731

Trichromacy



Original Color

159.7220, 28.7311, 24.7998



Protanomaly

156.5440, 35.2278, -5.7391



Deuteranomaly

156.5570, 28.8124, -1.3655



Tritanomaly

158.2920, 10.7020, 20.7919

Monochromacy



Original Color

159.7220, 28.7311, 24.7998



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.1010, 10.3032, 8.6814

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7220, 28.7311, 24.7998 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(188, 134, 218)` looks like.

```
.text, #text, p{  
    color:rgb(188, 134, 218)  
}
```

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(188, 134, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 134, 218) }
```

Border

The CSS property to change the border of an element to YUV 159.7220, 28.7311, 24.7998 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(188, 134, 218) }
```


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

```
.border{ border-color:rgb(188, 134, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 134, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 134, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 134, 218);  
box-shadow:4px 4px 4px 4px rgb(188, 134,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 159.7220, 28.7311, 24.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 134, 218) }
```

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

```
.background{ background-color: rgb(188,  
134, 218) }
```

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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