

Converting Colors

YUV(181.1120, 27.0598, 0.7788)

Have a look what the booklet for
YUV(181.1120, 27.0598, 0.7788)
contains.

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Color

**YUV(181.1120, 27.0598,
0.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AAEC
RGB	182, 170, 236
RGB Percent	71%, 67%, 93%
CMY	0.2863, 0.3333, 0.0745
CMYK	0.23, 0.28, 0.00, 0.07
HSL	251°, 63%, 80%
HSV	251°, 28%, 93%
XYZ	48.8065, 44.7507, 85.4222
YIQ	181.1120, -14.0340, 23.0700

Conversions

Conversions Part 2

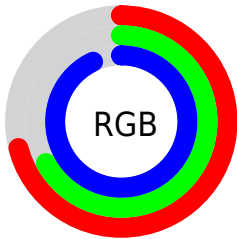
Format	Color
RYB	182, 170, 236
Decimal	11971308
CIELab	72.73, 17.94, -31.48
CIELCh	73, 36.236, 299.683
Yxy	44.7507, 0.2727, 0.2500
Android (android.graphics.Color)	4290161388 (0xFFB6AAEC)
YUV	181.1120, 27.0598, 0.7788
Hunter-Lab	66.8959, 13.1635, -28.8827

Details

The YUV color **181.1120, 27.0598, 0.7788** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **224.8880, -27.0598, -0.7788**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6060, 11.0402, 5.6075**, and **128.0580, 25.6074, -0.0509** is the 20% darker color. If you saturate the color by 10%, you get **161.3430, 36.8059, 1.4532**, and if you desaturate by 10%, it is **200.8810, 17.3137, 0.1044**.

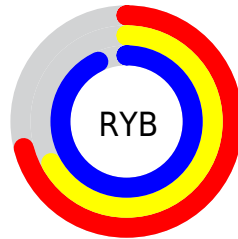
Distribution



Red (71%)

Green (67%)

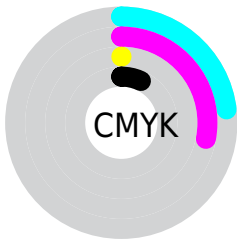
Blue (93%)



Red (71%)

Yellow (67%)

Blue (93%)

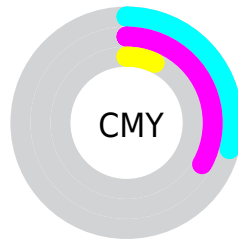


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (33%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.1120, 27.0598, 0.7788 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 181.1120, 27.0598, 0.7788 by changing the saturation by 10% instead.

■ 181.1120, 27.0598,
0.7788

■ 181.1120, 27.0598,
0.7788

■ 255.0000, 0.0000,
0.0000

■ 154.5850, 26.3336,
0.3640

■ 232.6060, 11.0402,
5.6075

■ 128.0580, 25.6074,
-0.0509

■ 254.4130, 0.2894,
0.5148

■ 102.5310, 24.8812,
-0.4657

■ 78.5910, 23.8656,
-1.3953

■ 54.7650, 23.2869,
-2.4249

■ 32.1130, 22.1293,
-4.4841

■ 7.3520, 22.9975,

-2.9397

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 181.1120, 27.0598,
0.7788

■ 181.1120, 27.0598,
0.7788

■ 161.3430, 36.8059,
1.4532

■ 200.8810, 17.3137,
0.1044

■ 141.8620, 46.4100,
0.9980

■ 220.3620, 7.7095,
0.5595

■ 122.0930, 56.1562,
1.6724

■ 240.1310, -2.0366,
-0.1149

■ 102.9110, 65.6129,
1.8321

■ 252.8340, -8.2992,
1.8996

■ 82.8430, 75.5064,
1.8917

■ 63.0740, 85.2525,
2.5661

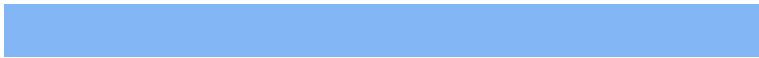
■ 43.8920, 94.7092,
2.7257

■ 39.7610, 96.7458,
2.8406

Harmonies

Analogous

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



173.8190, 34.5992, -37.5523



181.1120, 27.0598, 0.7788



183.2810, 14.1585, 32.2026

Triad

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



181.1120, 27.0598, 0.7788



178.9350, -28.0690, 43.0300



160.9440, 7.9156, -65.7259

Complementary

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



181.1120, 27.0598, 0.7788



224.8880, -27.0598, -0.7788

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.



167.6800, -11.6742, -35.6764



181.1120, 27.0598, 0.7788



176.1790, -31.6402, 21.7680

Square

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



181.1120, 27.0598, 0.7788



180.9870, -16.7556, 54.3854



172.4960, -25.8805, -5.6970



155.4370, 26.8996, -88.0832

Rectangle

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



181.1120, 27.0598, 0.7788



182.7360, 4.0742, 46.7125



172.4960, -25.8805, -5.6970



163.7620, 0.6103, -55.9193

Sweetspot

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



181.1120, 27.0598, 0.7788



238.1770, 8.2937, -0.1552



209.8090, 12.9122, -34.9125



117.0800, 5.3836, -0.0702



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.



181.1120, 27.0598, 0.7788



182.7020, 35.6429, 1.1383



190.6800, 22.3428, 20.4516



107.8520, 4.5100, 0.1298



30.5010, 74.1960, 2.1916



9.1460, 22.1130, 0.7490

Inverse Universe

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



195.8900, 13.8582, 35.1765



202.1070, 18.1882, 46.3872



215.3200, -22.3428, -20.4516



110.3150, 2.3097, 5.8627



70.9910, 37.9654, 96.4779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 181.1120, 27.0598, 0.7788 looks on a white background.

Color Contrast Check

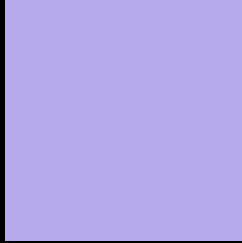
Large Text (above 18pt) WCAG AA × Fail

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 181.1120, 27.0598, 0.7788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

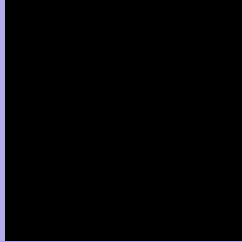
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.1120, 27.0598, 0.7788

Background



This preview shows how black text looks on a background with the YUV color 181.1120, 27.0598, 0.7788.



This preview shows how white text looks on a background with the YUV color 181.1120, 27.0598,

0.7788.

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

181.1120, 27.0598, 0.7788

Protanopia

178.6260, 30.7504, -16.3350

Deuteranopia

179.4370, 27.3926, -12.6612



Tritanopia

178.4000, 6.7048, -3.8588

Trichromacy



Original Color

181.1120, 27.0598, 0.7788

Protanomaly

179.6160, 29.2763, -10.1872

Deuteranomaly

180.0570, 27.0869, -7.9430

Tritanomaly

179.3600, 14.1195, -2.0697

Monochromacy



Original Color

181.1120, 27.0598, 0.7788

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9320, 9.8935, 0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.1120, 27.0598, 0.7788 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(182, 170, 236)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 236)  
}
```

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(182, 170, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 236) }
```

Border

The CSS property to change the border of an element to YUV 181.1120, 27.0598, 0.7788 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(182, 170, 236) }
```


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

```
.border{ border-color:rgb(182, 170, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 170, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 170, 236); box-shadow:4px 4px 4px 4px rgb(182, 170, 236) }
```

Background

The CSS property to change the background color of an element to YUV 181.1120, 27.0598, 0.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 236) }
```

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

```
.background{ background-color: rgb(182,  
170, 236) }
```

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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