

Converting Colors

YUV(187.7970, 28.2011, 8.0710)

Have a look what the booklet for
YUV(187.7970, 28.2011, 8.0710)
contains.

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Color

**YUV(187.7970, 28.2011,
8.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	C5ACF5
RGB	197, 172, 245
RGB Percent	77%, 67%, 96%
CMY	0.2275, 0.3255, 0.0392
CMYK	0.20, 0.30, 0.00, 0.04
HSL	261°, 78%, 82%
HSV	261°, 30%, 96%
XYZ	54.2599, 47.9679, 92.7851
YIQ	187.7970, -8.5330, 28.0030

Conversions

Conversions Part 2

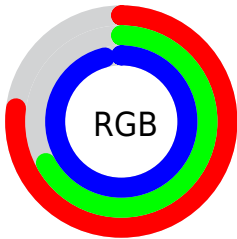
Format	Color
R _Y B	197, 172, 245
Decimal	12954869
CIE Lab	74.80, 23.38, -33.05
CIE LCh	75, 40.486, 305.273
Yxy	47.9679, 0.2782, 0.2460
Android (android.graphics.Color)	4291144949 (0xFFC5ACF5)
YUV	187.7970, 28.2011, 8.0710
Hunter-Lab	69.2589, 18.6403, -30.9487

Details

The YUV color **187.7970, 28.2011, 8.0710** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **229.2030, -28.2011, -8.0710**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8520, 7.9610, 13.2848**, and **134.3300, 26.4593, 6.7266** is the 20% darker color. If you saturate the color by 10%, you get **168.9250, 37.5050, 10.5898**, and if you desaturate by 10%, it is **207.2560, 18.6078, 5.0375**.

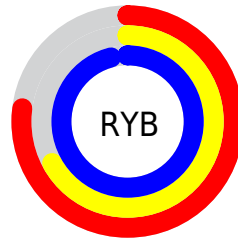
Distribution



Red (77%)

Green (67%)

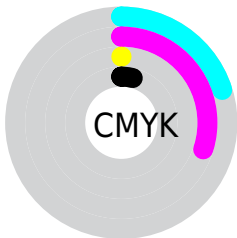
Blue (96%)



Red (77%)

Yellow (67%)

Blue (96%)

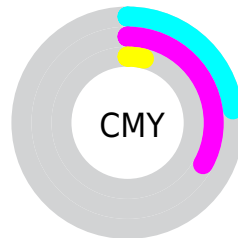


Cyan (20%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (23%)


Magenta (33%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.7970, 28.2011, 8.0710 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 187.7970, 28.2011, 8.0710 by changing the saturation by 10% instead.

 187.7970, 28.2011,
8.0710


 187.7970, 28.2011,
8.0710


255.0000, 0.0000,
0.0000


 160.2700, 27.4749,
7.6562


 238.8520, 7.9610,
13.2848

 134.3300, 26.4593,
6.7266

 108.8030, 25.7331,
6.3118

 83.9770, 25.1543,
5.2822

 60.0370, 24.1388,
4.3526

 37.4990, 23.4180,
2.1934

 14.0860, 23.1286,

1.6786

■ 5.6200, 16.4563,
-4.9287

■ 2.4110, 6.6994,
-2.1144

■ 187.7970, 28.2011,
8.0710

■ 187.7970, 28.2011,
8.0710

■ 168.9250, 37.5050,
10.5898

■ 207.2560, 18.6078,
5.0375

■ 149.4660, 47.0983,
13.6233

■ 226.1280, 9.3039,
2.5187

■ 130.5940, 56.4022,
16.1421

■ 245.5870, -0.2894,
-0.5148

■ 111.1350, 65.9954,
19.1756

■ 253.8600, -4.3680,
0.9998

■ 91.9640, 75.4467,
21.0796

■ 72.5050, 85.0400,
24.1131

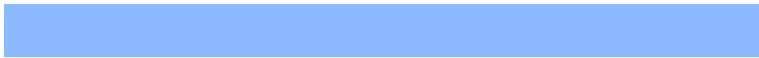
■ 53.6330, 94.3439,
26.6319

■ 53.0460, 94.6333,
27.1467

Harmonies

Analogous

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



180.4110, 36.7724, -34.5634



187.7970, 28.2011, 8.0710



189.1080, 13.2578, 41.1243

Triad

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



187.7970, 28.2011, 8.0710



183.6810, -32.8737, 44.1298



160.2450, 14.6692, -85.2839

Complementary

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



187.7970, 28.2011, 8.0710



229.2030, -28.2011, -8.0710

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.



170.2980, -9.0209, -46.7423



187.7970, 28.2011, 8.0710



180.8320, -35.4132, 18.5643

Square

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



187.7970, 28.2011, 8.0710



185.8690, -21.1344, 58.8739



176.8110, -27.0218, -12.9892



145.5340, 39.6697, -124.1253

Rectangle

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



187.7970, 28.2011, 8.0710



187.9220, 2.0105, 55.3194



176.8110, -27.0218, -12.9892



164.4440, 6.1901, -72.3034

Sweetspot

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



187.7970, 28.2011, 8.0710



237.0140, 8.8671, 2.6187



209.0850, 17.7061, -32.5235



116.2050, 5.8149, 1.5742



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.



187.7970, 28.2011, 8.0710



183.0560, 35.4684, 10.4749



198.5610, 22.8944, 30.2030



112.5640, 4.6519, 1.2594



40.3400, 71.8104, 20.7498



12.7060, 22.8229, 6.3968

Inverse Universe

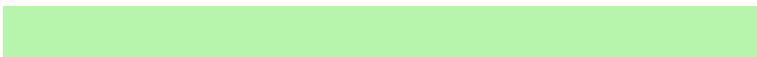
The Inverse Universe completely reimagines the original color for something new.



199.2990, 10.2056, 40.0798



197.4620, 13.0832, 50.4608



218.4390, -22.8944, -30.2030



114.5000, 1.7255, 6.5775



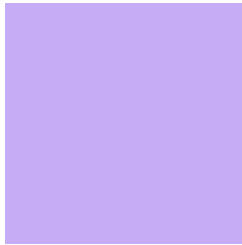
69.5220, 25.8717, 102.1512



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 187.7970, 28.2011, 8.0710 looks on a white background.

Color Contrast Check

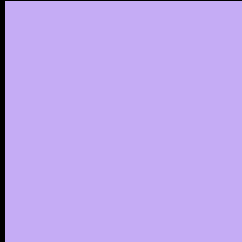
Large Text (above 18pt) WCAG AA × Fail

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 187.7970, 28.2011, 8.0710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

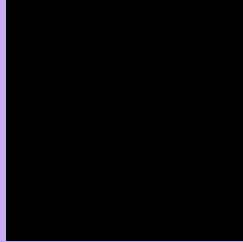
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.7970, 28.2011, 8.0710

Background



This preview shows how black text looks on a background with the YUV color 187.7970, 28.2011, 8.0710.



This preview shows how white text looks on a background with the YUV color 187.7970, 28.2011,

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

187.7970, 28.2011, 8.0710

Protanopia

184.2990, 33.3766, -18.6792

Deuteranopia

184.7790, 28.7030, -12.9612



Tritanopia

184.8030, 5.5201, 2.8038

Trichromacy



Original Color

187.7970, 28.2011, 8.0710

Protanomaly

185.1970, 31.4549, -8.9428

Deuteranomaly

186.1220, 28.5339, -5.3690

Tritanomaly

185.9910, 13.8084, 4.3929

Monochromacy



Original Color

187.7970, 28.2011, 8.0710

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7690, 10.4669, 2.8336

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7970, 28.2011, 8.0710 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(197, 172, 245)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 245)  
}
```

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(197, 172, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 245) }
```

Border

The CSS property to change the border of an element to YUV 187.7970, 28.2011, 8.0710 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(197, 172, 245) }
```


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

```
.border{ border-color:rgb(197, 172, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 172, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 245);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 187.7970, 28.2011, 8.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 172, 245) }
```

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

```
.background{ background-color: rgb(197,  
172, 245) }
```

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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