

Converting Colors

YUV(189.7030, 27.2614,
-17.2795)

Have a look what the booklet for
YUV(189.7030, 27.2614, -17.2795)
contains.

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Color

**YUV(189.7030, 27.2614,
-17.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	AABDF5
RGB	170, 189, 245
RGB Percent	67%, 74%, 96%
CMY	0.3333, 0.2588, 0.0392
CMYK	0.31, 0.23, 0.00, 0.04
HSL	225°, 79%, 81%
HSV	225°, 31%, 96%
XYZ	51.2566, 51.5338, 93.6317
YIQ	189.7030, -29.3000, 13.3880

Conversions

Conversions Part 2

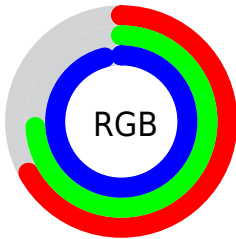
Format	Color
RYB	170, 185, 245
Decimal	11189749
CIELab	77.00, 6.11, -29.84
CIElCh	77, 30.461, 281.577
Yxy	51.5338, 0.2610, 0.2624
Android (android.graphics.Color)	4289379829 (0xFFAABDF5)
YUV	189.7030, 27.2614, -17.2795
Hunter-Lab	71.7871, 1.8232, -27.0809

Details

The YUV color **189.7030, 27.2614, -17.2795** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **225.2970, -27.2614, 17.2795**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7580, 7.0213, -12.0658**, and **136.0620, 26.0984, -17.5944** is the 20% darker color. If you saturate the color by 10%, you get **171.9610, 36.0082, -22.7678**, and if you desaturate by 10%, it is **207.7440, 18.3672, -11.1765**.

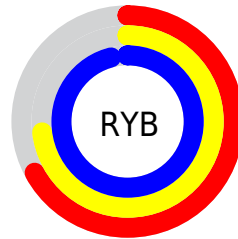
Distribution



Red (67%)

Green (74%)

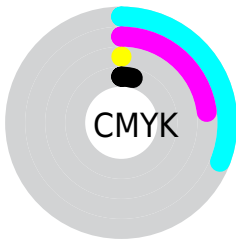
Blue (96%)



Red (67%)

Yellow (73%)

Blue (96%)

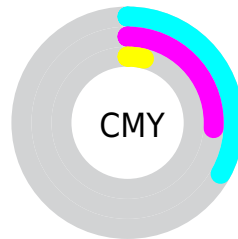


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7030, 27.2614, -17.2795 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 189.7030, 27.2614, -17.2795 by changing the saturation by 10% instead.

■ 189.7030, 27.2614,
-17.2795

■ 189.7030, 27.2614,
-17.2795

255.0000, 0.0000,
0.0000

■ 162.4750, 26.3878,
-17.0796

■ 240.7580, 7.0213,
-12.0658

■ 136.0620, 26.0984,
-17.5944

■ 110.4210, 24.9354,
-17.9092

■ 85.0080, 24.6461,
-18.4240

■ 60.4700, 23.9253,
-20.5832

■ 35.2410, 24.5312,
-28.2754

■ 19.8680, 20.2781,

-17.4242

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 189.7030, 27.2614,
-17.2795

■ 189.7030, 27.2614,
-17.2795

■ 171.9610, 36.0082,
-22.7678

■ 207.7440, 18.3672,
-11.1765

■ 153.3330, 45.1918,
-28.3560

■ 226.0730, 9.3310,
-6.2030

■ 135.5910, 53.9386,
-33.8443

■ 243.8150, 0.5842,
-0.7148

■ 117.5500, 62.8328,
-39.9474

■ 253.8600, -4.3680,
0.9998

■ 99.8080, 71.5797,
-45.4356

■ 81.1800, 80.7633,
-51.0239

■ 64.3240, 89.0733,
-56.4121

Harmonies

Analogous

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



182.7980, 29.6796, -46.3038



189.7030, 27.2614, -17.2795



193.7130, 18.8755, 12.5297

Triad

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



189.7030, 27.2614, -17.2795



192.3510, -18.9070, 44.4192



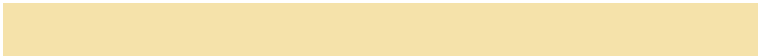
179.6070, -4.2433, -39.1203

Complementary

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



189.7030, 27.2614, -17.2795



225.2970, -27.2614, 17.2795

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.



184.3900, -18.4333, -14.3740



189.7030, 27.2614, -17.2795



190.0260, -26.1418, 31.5492

Square

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



189.7030, 27.2614, -17.2795



193.5760, -6.6930, 46.8528



187.5950, -25.9293, 10.0022



176.3130, 11.6777, -59.0335

Rectangle

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



189.7030, 27.2614, -17.2795



195.0480, 10.8223, 28.8989



187.5950, -25.9293, 10.0022



181.2830, -9.5065, -30.9432

Sweetspot

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



189.7030, 27.2614, -17.2795



238.1440, 8.3100, -5.3883



220.2950, 2.3196, -44.1087



117.0580, 5.3944, -3.5589



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.



189.7030, 27.2614, -17.2795



185.8040, 34.1136, -21.7531



183.6330, 30.2539, 2.9529



113.1290, 4.3734, -2.7441



48.7930, 67.6431, -42.7915



15.5310, 21.4302, -13.6207

Inverse Universe

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



194.5910, -2.7564, 44.2087



191.8420, -3.3731, 55.3896



231.0680, -30.1065, -3.5676



113.9300, -0.4585, 7.0774



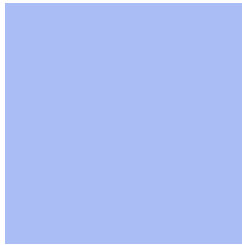
60.9720, -6.8882, 109.6496



19.3510, -2.1450, 34.7722

Previews

White Background



This preview shows how the YUV color 189.7030, 27.2614, -17.2795 looks on a white background.

Color Contrast Check

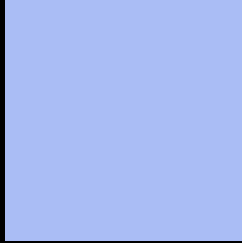
Large Text (above 18pt) WCAG AA × Fail

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 189.7030, 27.2614, -17.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

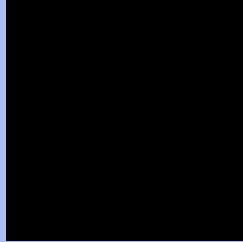
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.7030, 27.2614, -17.2795

Background



This preview shows how black text looks on a background with the YUV color 189.7030, 27.2614, -17.2795.



This preview shows how white text looks on a background with the YUV color 189.7030, 27.2614, -17.2795.

-17.2795.

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

189.7030, 27.2614, -17.2795

Protanopia

190.4970, 26.3770, -13.5909

Deuteranopia

190.4480, 27.3871, -10.9169



Tritanopia

187.2560, 11.7058, -21.2725

Trichromacy



Original Color

189.7030, 27.2614, -17.2795

Protanomaly

189.8990, 26.6718, -14.8204

Deuteranomaly

190.1380, 27.5400, -13.2760

Tritanomaly

188.3470, 17.0839, -19.5983

Monochromacy



Original Color

189.7030, 27.2614, -17.2795

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7030, 27.2614, -17.2795 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(170, 189, 245)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 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(170, 189, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 245) }
```

Border

The CSS property to change the border of an element to YUV 189.7030, 27.2614, -17.2795 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(170, 189, 245) }
```


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

```
.border{ border-color:rgb(170, 189, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 245);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 189.7030, 27.2614, -17.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 245) }
```

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

```
.background{ background-color: rgb(170,  
189, 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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