

Converting Colors

YUV(170.7030, 27.2614,
-17.2795)

Have a look what the booklet for
YUV(170.7030, 27.2614, -17.2795)
contains.

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Color

**YUV(170.7030, 27.2614,
-17.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	97AAE2
RGB	151, 170, 226
RGB Percent	59%, 67%, 89%
CMY	0.4078, 0.3333, 0.1137
CMYK	0.33, 0.25, 0.00, 0.11
HSL	225°, 56%, 74%
HSV	225°, 33%, 89%
XYZ	40.8647, 40.8197, 77.6767
YIQ	170.7030, -29.3000, 13.3880

Conversions

Conversions Part 2

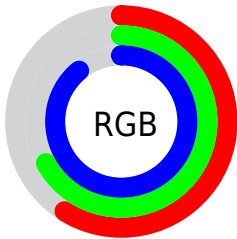
Format	Color
R _Y B	151, 166, 226
Decimal	9939682
CIE Lab	70.05, 6.47, -30.35
CIE LCh	70, 31.028, 282.040
Yxy	40.8197, 0.2564, 0.2561
Android (android.graphics.Color)	4288129762 (0xFF97AAE2)
YUV	170.7030, 27.2614, -17.2795
Hunter-Lab	63.8903, 2.3617, -27.3605

Details

The YUV color **170.7030, 27.2614, -17.2795** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **206.2970, -27.2614, 17.2795**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0380, 15.7573, -14.0653**, and **117.9480, 25.6616, -17.4944** is the 20% darker color. If you saturate the color by 10%, you get **153.8470, 35.5714, -22.6678**, and if you desaturate by 10%, it is **187.5590, 18.9514, -11.8912**.

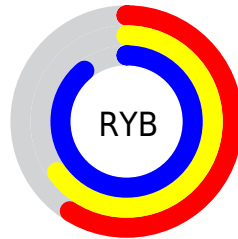
Distribution



Red (59%)

Green (67%)

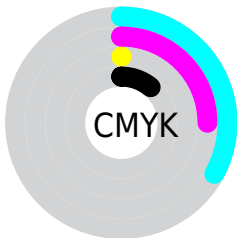
Blue (89%)



Red (59%)

Yellow (65%)

Blue (89%)

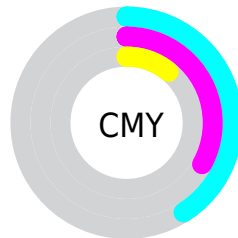


Cyan (33%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7030, 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 170.7030, 27.2614, -17.2795 by changing the saturation by 10% instead.

■ 170.7030, 27.2614,
-17.2795

■ 170.7030, 27.2614,
-17.2795

255.0000, 0.0000,
0.0000

■ 144.1760, 26.5352,
-17.6944

■ 223.0380, 15.7573,
-14.0653

■ 117.9480, 25.6616,
-17.4944

■ 248.7320, 3.0901,
-11.1660

■ 92.8230, 25.2303,
-19.1388

■ 67.9970, 24.6515,
-20.1684

■ 43.2630, 24.5203,
-24.7867

■ 24.3020, 22.0361,
-21.3129

■ 5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 170.7030, 27.2614,
-17.2795

■ 170.7030, 27.2614,
-17.2795

■ 153.8470, 35.5714,
-22.6678

■ 187.5590, 18.9514,
-11.8912

■ 137.2900, 43.7340,
-27.4413

■ 204.1160, 10.7888,
-7.1177

■ 120.4340, 52.0440,
-32.8296

■ 220.9720, 2.4788,
-1.7294

■ 104.4640, 59.9172,
-38.1179

■ 236.9420, -5.3944,
3.5589

■ 87.6080, 68.2273,
-43.5062

■ 251.1070,
-12.3778, 3.4142

■ 70.7520, 76.5373,
-48.8945

■ 251.6940,
-12.6671, 2.8994

■ 59.2230, 82.2211,
-51.9386

Harmonies

Analogous

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



163.2000, 29.9744, -47.5334



170.7030, 27.2614, -17.2795



174.7130, 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.



170.7030, 27.2614, -17.2795



173.0520, -18.7596, 43.8044



160.4220, -3.6590, -39.8351

Complementary

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



170.7030, 27.2614, -17.2795



206.2970, -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.



165.2050, -17.8491, -15.0888



170.7030, 27.2614, -17.2795



171.3140, -26.2838, 30.4196

Square

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



170.7030, 27.2614, -17.2795



174.2770, -6.5456, 46.2381



168.2960, -25.7819, 9.3874



156.2310, 12.7041, -61.5926

Rectangle

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



170.7030, 27.2614, -17.2795



175.4610, 11.1117, 29.4137



168.2960, -25.7819, 9.3874



162.0980, -8.9223, -31.6579

Sweetspot

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



170.7030, 27.2614, -17.2795



236.3720, 9.1836, -5.5882



201.2950, 2.3196, -44.1087



116.1720, 5.8312, -3.6588



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.



170.7030, 27.2614, -17.2795



179.8900, 37.0292, -23.5825



164.9320, 30.1065, 3.5676



104.0150, 3.9366, -2.6442



46.4790, 63.8539, -40.7621



12.5160, 17.4936, -10.9765

Inverse Universe

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



175.5910, -2.7564, 44.2087



186.4620, -3.6788, 60.1078



212.0680, -30.1065, -3.5676



104.6310, -0.3111, 6.4626



57.7540, -6.2877, 103.7017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 170.7030, 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 170.7030, 27.2614, -17.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

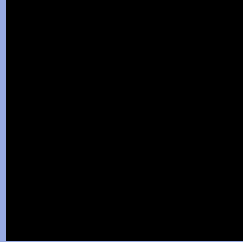
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.7030, 27.2614, -17.2795

Background



This preview shows how black text looks on a background with the YUV color 170.7030, 27.2614, -17.2795.



This preview shows how white text looks on a background with the YUV color 170.7030, 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

170.7030, 27.2614, -17.2795

Protanopia

171.4970, 26.3770, -13.5909

Deuteranopia

171.3230, 26.9558, -12.5613



Tritanopia

168.4300, 11.1270, -22.3021

Trichromacy



Original Color

170.7030, 27.2614, -17.2795

Protanomaly

170.8990, 26.6718, -14.8204

Deuteranomaly

171.3120, 26.9612, -14.3056

Tritanomaly

169.0480, 17.2313, -20.2131

Monochromacy



Original Color

170.7030, 27.2614, -17.2795

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7030, 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(151, 170, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 170, 226)  
}
```

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(151, 170, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 170, 226) }
```

Border

The CSS property to change the border of an element to YUV 170.7030, 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(151, 170, 226) }
```


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

```
.border{ border-color:rgb(151, 170, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 170, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 170, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 170, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 170,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 170.7030, 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(151, 170, 226) }
```

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

```
.background{ background-color: rgb(151,  
170, 226) }
```

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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