

Converting Colors

YUV(180.4830, 27.3699,
-52.1666)

Have a look what the booklet for
YUV(180.4830, 27.3699, -52.1666)
contains.

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Color

**YUV(180.4830, 27.3699,
-52.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	79C8EC
RGB	121, 200, 236
RGB Percent	47%, 78%, 93%
CMY	0.5255, 0.2157, 0.0745
CMYK	0.49, 0.15, 0.00, 0.07
HSL	199°, 75%, 70%
HSV	199°, 49%, 93%
XYZ	43.6798, 51.4296, 86.9816
YIQ	180.4830, -58.6400, -5.5520

Conversions

Conversions Part 2

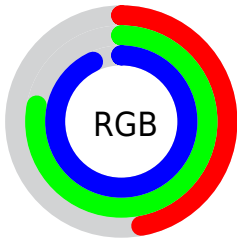
Format	Color
RYB	121, 168, 236
Decimal	7981292
CIELab	76.94, -14.75, -25.34
CIELCh	77, 29.316, 239.796
Yxy	51.4296, 0.2399, 0.2824
Android (android.graphics.Color)	4286171372 (0xFF79C8EC)
YUV	180.4830, 27.3699, -52.1666
Hunter-Lab	71.7145, -16.7797, -21.7120

Details

The YUV color **180.4830, 27.3699, -52.1666** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **176.5170, -27.3699, 52.1666**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2760, 11.2029, -46.7231**, and **124.4610, 27.3807, -55.6553** is the 20% darker color. If you saturate the color by 10%, you get **169.1980, 32.9334, -63.3176**, and if you desaturate by 10%, it is **191.7680, 21.8064, -41.0155**.

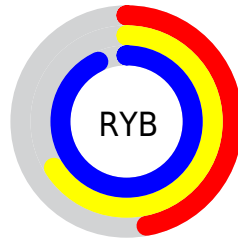
Distribution



Red (47%)

Green (78%)

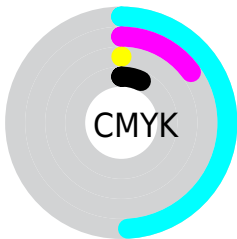
Blue (93%)



Red (47%)

Yellow (66%)

Blue (93%)

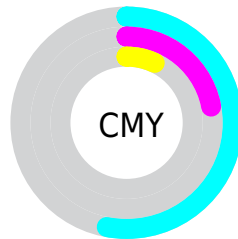


Cyan (49%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.4830, 27.3699, -52.1666 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 180.4830, 27.3699, -52.1666 by changing the saturation by 10% instead.

■ 180.4830, 27.3699,
-52.1666

■ 180.4830, 27.3699,
-52.1666

■ 255.0000, 0.0000,
0.0000

■ 152.7710, 27.2279,
-53.2962

■ 232.2760, 11.2029,
-46.7231

■ 124.4610, 27.3807,
-55.6553

■ 240.9470, 6.9281,
-28.8945

■ 94.1610, 29.0076,
-64.1622

■ 249.9170, 2.5059,
-10.4512

■ 70.2430, 27.9812,
-61.6031

■ 53.8920, 23.7172,
-47.2633

■ 37.6550, 19.8901,
-33.0234

■ 23.2930, 15.6316,

-20.4280

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 180.4830, 27.3699,
-52.1666

■ 180.4830, 27.3699,
-52.1666

■ 169.1980, 32.9334,
-63.3176

■ 191.7680, 21.8064,
-41.0155

■ 157.6250, 38.6389,
-73.3391

■ 203.3410, 16.1009,
-30.9941

■ 146.3400, 44.2024,
-84.4902

■ 214.6260, 10.5374,
-19.8430

■ 134.7670, 49.9079,
-94.5117

■ 226.1990, 4.8319,
-9.8215

■ 123.4820, 55.4714,
-105.6627

■ 237.4840, -0.7316,
1.3295

■ 121.9980, 56.2030,
-106.9922

■ 246.3770, -5.1159,
7.5624

■ 251.0730, -7.4310,
3.4440

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



176.3650, 19.5401, -60.8331



180.4830, 27.3699, -52.1666



186.8650, 28.1676, -27.9456

Triad

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



180.4830, 27.3699, -52.1666



193.9220, -1.4405, 42.1644



185.3590, -21.3760, -3.8228

Complementary

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



180.4830, 27.3699, -52.1666



176.5170, -27.3699, 52.1666

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.



188.6500, -25.9564, 18.7240



180.4830, 27.3699, -52.1666



192.6160, -14.1077, 45.0638

Square

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



180.4830, 27.3699, -52.1666



194.2650, 11.7014, 26.9546



190.8570, -23.1005, 36.0824



181.5930, -9.6593, -28.5841

Rectangle

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



180.4830, 27.3699, -52.1666



190.7750, 24.7609, -8.5727



190.8570, -23.1005, 36.0824



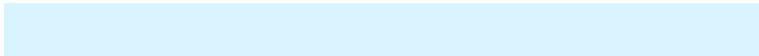
186.8330, -23.5817, 3.6545

Sweetspot

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



180.4830, 27.3699, -52.1666



236.5940, 9.0742, -17.1839



192.4950, -17.9920, -62.7011



116.4270, 5.7055, -10.0215



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.



180.4830, 27.3699, -52.1666



183.7460, 35.1282, -67.3062



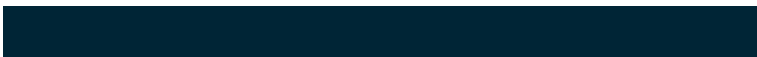
147.6110, 43.5758, -23.3378



111.9500, 2.4897, -5.2181



93.4220, 43.1760, -81.9311



27.8750, 12.8796, -24.4464

Inverse Universe

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



164.3910, 17.5552, 62.8011



162.8800, 22.7372, 80.7892



209.3890, -43.5758, 23.3378



110.2010, 1.8729, 5.9627



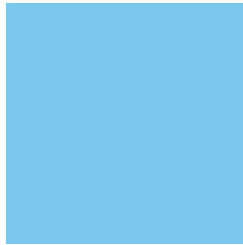
68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 180.4830, 27.3699, -52.1666 looks on a white background.

Color Contrast Check

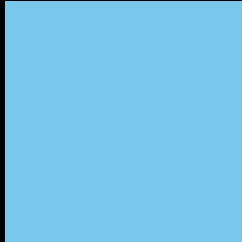
Large Text (above 18pt) WCAG AA × Fail

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 180.4830, 27.3699, -52.1666 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 180.4830, 27.3699, -52.1666 Background



This preview shows how black text looks on a background with the YUV color 180.4830, 27.3699, -52.1666.



This preview shows how white text looks on a background with the YUV color 180.4830, 27.3699, -52.1666.

-52.1666.

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

180.4830, 27.3699, -52.1666

Protanopia

189.4670, 18.5038, -8.3026

Deuteranopia

189.9600, 24.1767, -7.8579



Tritanopia

178.8110, 19.8132, -55.0852

Trichromacy



Original Color

180.4830, 27.3699, -52.1666

Protanomaly

186.4650, 21.4628, -24.0868

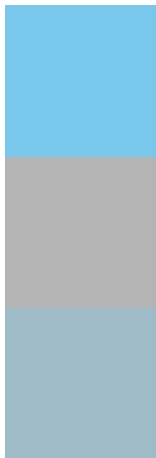
Deuteranomaly

186.2030, 25.5359, -23.8570

Tritanomaly

179.5060, 22.4285, -53.9408

Monochromacy



Original Color

180.4830, 27.3699, -52.1666

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1100, 9.8058, -18.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.4830, 27.3699, -52.1666 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(121, 200, 236)` looks like.

```
.text, #text, p{  
    color:rgb(121, 200, 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(121, 200, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 200, 236) }
```

Border

The CSS property to change the border of an element to YUV 180.4830, 27.3699, -52.1666 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(121, 200, 236) }
```


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

```
.border{ border-color:rgb(121, 200, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 200, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 200, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 200, 236);  
box-shadow:4px 4px 4px 4px rgb(121, 200,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 180.4830, 27.3699, -52.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 200, 236) }
```

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

```
.background{ background-color: rgb(121,  
200, 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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