

Converting Colors

YUV(170.2610, 27.4793,
-40.5709)

Have a look what the booklet for
YUV(170.2610, 27.4793, -40.5709)
contains.

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Color

**YUV(170.2610, 27.4793,
-40.5709)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB7E2
RGB	124, 183, 226
RGB Percent	49%, 72%, 89%
CMY	0.5137, 0.2824, 0.1137
CMYK	0.45, 0.19, 0.00, 0.11
HSL	205°, 64%, 69%
HSV	205°, 45%, 89%
XYZ	38.9731, 43.6430, 78.3214
YIQ	170.2610, -48.9670, 0.8650

Conversions

Conversions Part 2

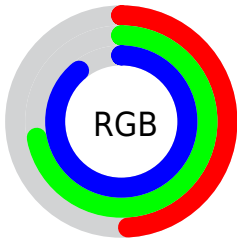
Format	Color
RYB	124, 161, 226
Decimal	8173538
CIELab	71.99, -7.80, -27.49
CIELCh	72, 28.580, 254.154
Yxy	43.6430, 0.2422, 0.2712
Android (android.graphics.Color)	4286363618 (0xFF7CB7E2)
YUV	170.2610, 27.4793, -40.5709
Hunter-Lab	66.0629, -10.3058, -24.0477

Details

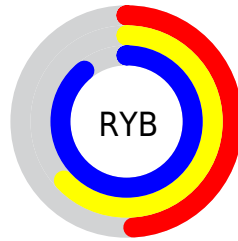
The YUV color **170.2610, 27.4793, -40.5709** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **179.7390, -27.4793, 40.5709**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4820, 15.5384, -37.2567**, and **115.8370, 27.1954, -42.8300** is the 20% darker color. If you saturate the color by 10%, you get **157.5140, 33.7636, -49.5628**, and if you desaturate by 10%, it is **183.0080, 21.1951, -31.5790**.

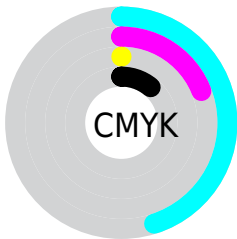
Distribution



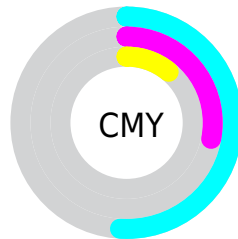
- Red (49%)
- Green (72%)
- Blue (89%)



- Red (49%)
- Yellow (63%)
- Blue (89%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (51%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2610, 27.4793, -40.5709 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 170.2610, 27.4793, -40.5709 by changing the saturation by 10% instead.

■ 170.2610, 27.4793,
-40.5709

■ 170.2610, 27.4793,
-40.5709

■ 255.0000, 0.0000,
0.0000

■ 142.8480, 27.1899,
-41.0857

■ 223.4820, 15.5384,
-37.2567

■ 115.8370, 27.1954,
-42.8300

■ 241.5450, 6.6333,
-27.6650

■ 88.8150, 27.2062,
-46.3188

■ 250.2160, 2.3585,
-9.8364

■ 60.9990, 28.1015,
-53.4961

■ 44.6480, 23.8375,
-39.1563

■ 29.5850, 19.4316,
-25.9460

■ 14.7500, 15.8993,

-12.9358

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 170.2610, 27.4793,
-40.5709

■ 170.2610, 27.4793,
-40.5709

■ 157.5140, 33.7636,
-49.5628

■ 183.0080, 21.1951,
-31.5790

■ 145.6530, 39.6111,
-58.4547

■ 194.8690, 15.3476,
-22.6871

■ 132.9060, 45.8953,
-67.4466

■ 207.6160, 9.0633,
-13.6952

■ 121.0450, 51.7428,
-76.3385

■ 219.4770, 3.2158,
-4.8033

■ 108.2980, 58.0271,
-85.3303

■ 232.2240, -3.0684,
4.1886

■ 102.6610, 60.8061,
-90.0337

■ 242.8890, -8.3263,
10.6213

■ 248.7590,
-11.2202, 5.4734

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



164.7120, 23.3130, -57.6294



170.2610, 27.4793, -40.5709



176.7420, 24.7772, -13.8057

Triad

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



170.2610, 27.4793, -40.5709



179.4400, -7.1189, 43.4641



170.6610, -16.1019, -15.4887

Complementary

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



170.2610, 27.4793, -40.5709



179.7390, -27.4793, 40.5709

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.



174.1540, -23.7399, 7.7579



170.2610, 27.4793, -40.5709



178.1440, -18.3120, 40.2157

Square

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



170.2610, 27.4793, -40.5709



180.5880, 5.1331, 33.6873



176.4600, -24.3838, 27.6606



166.6610, -2.7909, -38.2907

Rectangle

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



170.2610, 27.4793, -40.5709



179.0110, 20.2076, 5.2524



176.4600, -24.3838, 27.6606



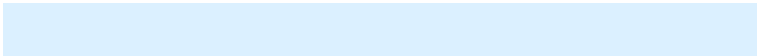
171.9070, -19.1812, -7.8114

Sweetspot

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



170.2610, 27.4793, -40.5709



235.4310, 9.6475, -14.4100



188.7760, -10.7356, -56.8086



115.5520, 6.1369, -8.3771



0.0000, 0.0000, 0.0000



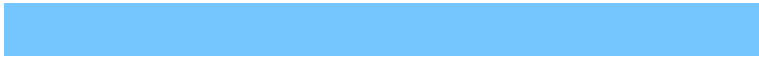
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.2610, 27.4793, -40.5709



179.6920, 37.1268, -54.9809



140.3240, 42.2383, -14.3161



105.7760, 3.0684, -4.1886



79.9380, 47.3586, -70.1056



21.9080, 12.8634, -19.2133

Inverse Universe

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



161.2240, 10.7356, 56.8086



167.3820, 14.6017, 76.8410



209.6760, -42.2383, 14.3161



104.9730, 0.9993, 6.1627



64.2520, 18.6098, 98.0030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 170.2610, 27.4793, -40.5709 looks on a white background.

Color Contrast Check

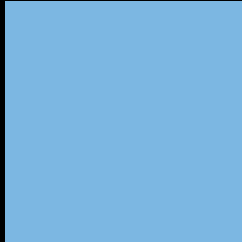
Large Text (above 18pt) WCAG AA × Fail

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 170.2610, 27.4793, -40.5709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

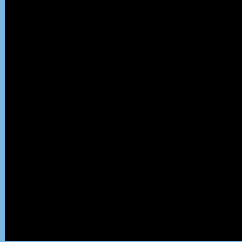
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.2610, 27.4793, -40.5709

Background



This preview shows how black text looks on a background with the YUV color 170.2610, 27.4793, -40.5709.



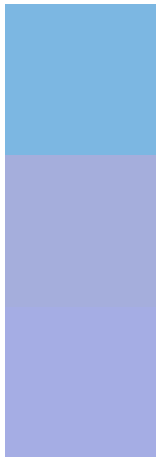
This preview shows how white text looks on a background with the YUV color 170.2610, 27.4793, -40.5709.

-40.5709.

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

170.2610, 27.4793, -40.5709

Protanopia

176.5530, 21.4194, -10.1320

Deuteranopia

176.8780, 25.2031, -10.4170



Tritanopia

167.7800, 16.8705, -44.5341

Trichromacy



Original Color

170.2610, 27.4793, -40.5709

Protanomaly

174.0570, 23.6359, -21.0980

Deuteranomaly

174.6270, 25.8199, -21.5979

Tritanomaly

169.1160, 20.6488, -43.0747

Monochromacy



Original Color

170.2610, 27.4793, -40.5709

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1320, 9.7949, -15.0248

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2610, 27.4793, -40.5709 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(124, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 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(124, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 226) }
```

Border

The CSS property to change the border of an element to YUV 170.2610, 27.4793, -40.5709 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(124, 183, 226) }
```


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

```
.border{ border-color:rgb(124, 183, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(124, 183,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 170.2610, 27.4793, -40.5709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 226) }
```

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

```
.background{ background-color: rgb(124,  
183, 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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