

Converting Colors

YUV(171.5630, 25.8514,
-78.5468)

Have a look what the booklet for
YUV(171.5630, 25.8514, -78.5468)
contains.

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Color

**YUV(171.5630, 25.8514,
-78.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	52CFE0
RGB	82, 207, 224
RGB Percent	32%, 81%, 88%
CMY	0.6784, 0.1882, 0.1216
CMYK	0.63, 0.08, 0.00, 0.12
HSL	187°, 70%, 60%
HSV	187°, 63%, 88%
XYZ	39.2470, 51.8013, 78.4511
YIQ	171.5630, -79.9570, -21.2130

Conversions

Conversions Part 2

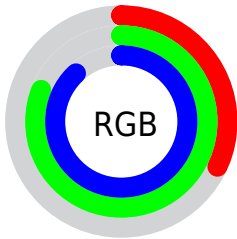
Format	Color
R_{YB}	82, 148, 224
Decimal	5427168
CIE _{Lab}	77.16, -29.23, -18.67
CIE _{LCh}	77, 34.687, 212.572
Yxy	51.8013, 0.2315, 0.3056
Android (android.graphics.Color)	4283617248 (0xFF52CFE0)
YUV	171.5630, 25.8514, -78.5468
Hunter-Lab	71.9731, -28.6167, -14.2453

Details

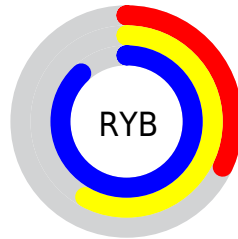
The YUV color **171.5630, 25.8514, -78.5468** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **134.4370, -25.8514, 78.5468**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4090, 16.0674, -67.0107**, and **108.4900, 29.8314, -95.1457** is the 20% darker color. If you saturate the color by 10%, you get **163.2240, 29.9626, -90.5274**, and if you desaturate by 10%, it is **179.9020, 21.7403, -66.5661**.

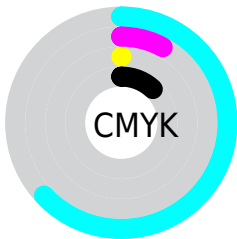
Distribution



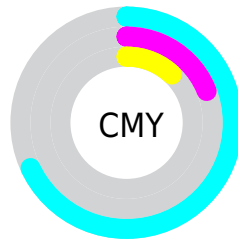
- Red (32%)
- Green (81%)
- Blue (88%)



- Red (32%)
- Yellow (58%)
- Blue (88%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5630, 25.8514, -78.5468 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 171.5630, 25.8514, -78.5468 by changing the saturation by 10% instead.

■ 171.5630, 25.8514,
-78.5468

■ 171.5630, 25.8514,
-78.5468

■ 255.0000, 0.0000,
0.0000

■ 140.2740, 27.4729,
-85.3093

■ 222.4090, 16.0674,
-67.0107

■ 108.4900, 29.8314,
-95.1457

■ 231.3790, 11.6452,
-48.5674

■ 90.1500, 25.5621,
-79.0615

■ 240.3490, 7.2229,
-30.1241

■ 72.6250, 21.8769,
-63.6921

■ 249.6180, 2.6533,
-11.0660

■ 55.1000, 18.1917,
-48.3227

■ 38.8630, 14.3645,
-34.0829

■ 25.2020, 10.2534,

-22.1022

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 171.5630, 25.8514,
-78.5468

■ 171.5630, 25.8514,
-78.5468

■ 163.2240, 29.9626,
-90.5274

■ 179.9020, 21.7403,
-66.5661

■ 155.1730, 33.9317,
-103.6377

■ 187.9530, 17.7712,
-53.4558

■ 146.8340, 38.0428,
-115.6184

■ 196.2920, 13.6600,
-41.4751

■ 141.1750, 40.8327,
-123.8105

■ 204.9300, 9.4015,
-28.8796

■ 212.6820, 5.5798,
-16.3841

■ 221.0210, 1.4686,
-4.4034

■ 229.6590, -2.7899,
8.1921

■ 235.6170, -5.7272,
16.9989

■ 237.3780, -6.5954,
15.4545

Harmonies

Analogous

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



174.1830, 8.7838, -64.1815



171.5630, 25.8514, -78.5468



178.1270, 33.9544, -64.1324

Triad

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



171.5630, 25.8514, -78.5468



195.5370, 12.5533, 33.7321



188.0970, -30.6138, 19.2089

Complementary

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



171.5630, 25.8514, -78.5468



134.4370, -25.8514, 78.5468

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.



190.6250, -27.9161, 40.6709



171.5630, 25.8514, -78.5468



194.3360, -2.6306, 50.5713

Square

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



171.5630, 25.8514, -78.5468



193.6780, 25.3017, 4.6674



192.8620, -17.1870, 52.7410



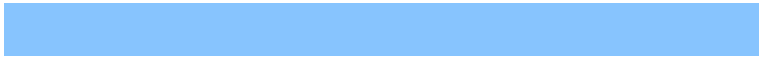
184.9410, -24.1279, -7.8413

Rectangle

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



171.5630, 25.8514, -78.5468



184.3730, 34.3261, -43.3001



192.8620, -17.1870, 52.7410



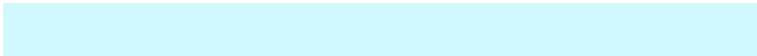
189.4400, -30.7829, 26.8011

Sweetspot

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



171.5630, 25.8514, -78.5468



237.1260, 8.8119, -26.4205



167.2920, -33.6680, -74.8011



116.6820, 5.5798, -16.3841



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.



171.5630, 25.8514, -78.5468



183.4930, 35.2530, -107.4264



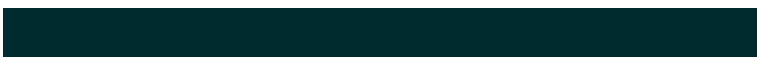
129.8860, 46.3982, -41.9960



108.1240, 1.9109, -6.2477



111.0490, 32.0208, -97.3900



30.7130, 8.5225, -26.9353

Inverse Universe

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



138.7080, 33.6680, 74.8011



138.5000, 46.0955, 102.1705



176.1140, -46.3982, 41.9960



105.4290, 2.7465, 5.7628



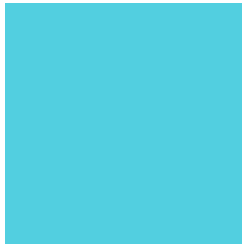
70.2940, 41.7601, 92.7042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 171.5630, 25.8514, -78.5468 looks on a white background.

Color Contrast Check

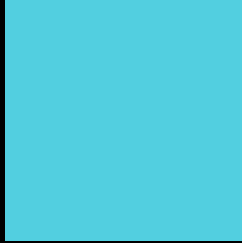
Large Text (above 18pt) WCAG AA × Fail

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 171.5630, 25.8514, -78.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

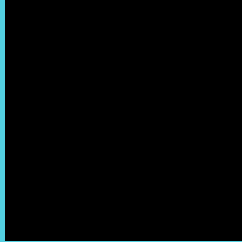
Any Text WCAG AA ✓ Pass

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 171.5630, 25.8514, -78.5468 Background



This preview shows how black text looks on a background with the YUV color 171.5630, 25.8514, -78.5468.



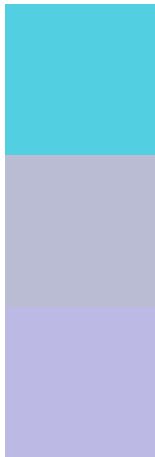
This preview shows how white text looks on a background with the YUV color 171.5630, 25.8514, -78.5468.

-78.5468.

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

171.5630, 25.8514, -78.5468

Protanopia

190.0240, 10.3412, -3.5290

Deuteranopia

190.9130, 18.7769, -2.5547



Tritanopia

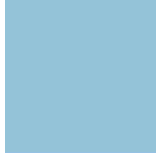
171.5630, 25.8514, -78.5468

Trichromacy



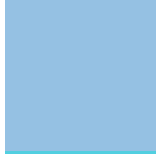
Original Color

171.5630, 25.8514, -78.5468



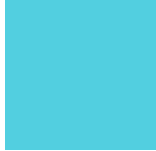
Protanomaly

183.3410, 16.1009, -30.9941



Deuteranomaly

183.7200, 21.3370, -30.4494



Tritanomaly

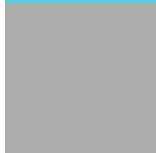
171.5630, 25.8514, -78.5468

Monochromacy



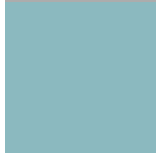
Original Color

171.5630, 25.8514, -78.5468



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9300, 9.4015, -28.8796

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5630, 25.8514, -78.5468 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(82, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(82, 207, 224)  
}
```

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(82, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 207, 224) }
```

Border

The CSS property to change the border of an element to YUV 171.5630, 25.8514, -78.5468 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(82, 207, 224) }
```


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

```
.border{ border-color:rgb(82, 207, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 207, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(82, 207,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 171.5630, 25.8514, -78.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 207, 224) }
```

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

```
.background{ background-color: rgb(82, 207,  
224) }
```

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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