

Converting Colors

YUV(179.4290, 25.9175,
-52.9962)

Have a look what the booklet for
YUV(179.4290, 25.9175, -52.9962)
contains.

YUV(179.4290, 25.9175, -52.9962)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(179.4290, 25.9175,
-52.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	77C8E8
RGB	119, 200, 232
RGB Percent	47%, 78%, 91%
CMY	0.5333, 0.2157, 0.0902
CMYK	0.49, 0.14, 0.00, 0.09
HSL	197°, 71%, 69%
HSV	197°, 49%, 91%
XYZ	42.8275, 51.0567, 83.9416
YIQ	179.4290, -58.5480, -7.2200

Conversions

Conversions Part 2

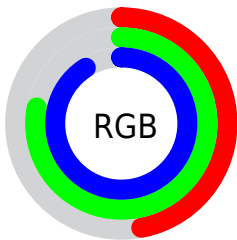
Format	Color
R _Y B	119, 166, 232
Decimal	7850216
CIE Lab	76.71, -16.30, -23.54
CIE LCh	77, 28.632, 235.290
Yxy	51.0567, 0.2408, 0.2871
Android (android.graphics.Color)	4286040296 (0xFF77C8E8)
YUV	179.4290, 25.9175, -52.9962
Hunter-Lab	71.4540, -18.0565, -19.6340

Details

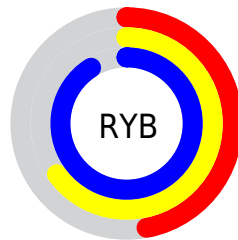
The YUV color **179.4290, 25.9175, -52.9962** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **171.5710, -25.9175, 52.9962**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **123.4070, 25.9283, -56.4849** is the 20% darker color. If you saturate the color by 10%, you get **168.4430, 31.3336, -63.5325**, and if you desaturate by 10%, it is **190.4150, 20.5014, -42.4600**.

Distribution



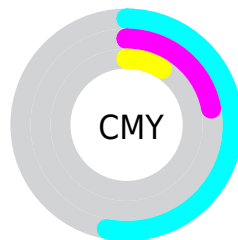
- Red (47%)
- Green (78%)
- Blue (91%)



- Red (47%)
- Yellow (65%)
- Blue (91%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.4290, 25.9175, -52.9962 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 179.4290, 25.9175, -52.9962 by changing the saturation by 10% instead.

■ 179.4290, 25.9175,
-52.9962

■ 179.4290, 25.9175,
-52.9962

255.0000, 0.0000,
0.0000

■ 151.7170, 25.7755,
-54.1258

■ 231.6780, 11.4977,
-47.9526

■ 123.4070, 25.9283,
-56.4849

■ 240.3490, 7.2229,
-30.1241

■ 92.9220, 28.1395,
-65.7066

■ 249.3190, 2.8007,
-11.6808

■ 69.9010, 26.6708,
-61.3032

■ 53.5500, 22.4069,
-46.9633

■ 37.3130, 18.5797,
-32.7235

■ 22.9510, 14.3212,

-20.1280

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 179.4290, 25.9175,
-52.9962

■ 179.4290, 25.9175,
-52.9962

■ 168.4430, 31.3336,
-63.5325

■ 190.4150, 20.5014,
-42.4600

■ 158.0440, 36.4603,
-74.5836

■ 200.8140, 15.3747,
-31.4089

■ 146.7590, 42.0238,
-85.7346

■ 212.0990, 9.8112,
-20.2578

■ 136.3600, 47.1505,
-96.7857

■ 222.4980, 4.6845,
-9.2067

■ 125.3740, 52.5666,
-107.3220

■ 233.4840, -0.7316,
1.3295

■ 123.8900, 53.2982,
-108.6515

■ 242.9860, -5.4161,
10.5363

■ 247.0950, -7.4418,
6.9327

■ 251.2040, -9.4676,
3.3291

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



176.6920, 16.9138, -58.4889



179.4290, 25.9175, -52.9962



185.7290, 27.7416, -31.3343

Triad

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



179.4290, 25.9175, -52.9962



193.4810, 0.7489, 39.9202



185.8540, -22.1130, -0.7490

Complementary

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



179.4290, 25.9175, -52.9962



171.5710, -25.9175, 52.9962

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.



188.4870, -25.3831, 21.4979



179.4290, 25.9175, -52.9962



192.1860, -11.9237, 44.5639

Square

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



179.4290, 25.9175, -52.9962



193.2860, 13.1700, 22.5512



190.3240, -21.3587, 37.4269



182.0450, -11.8542, -24.5955

Rectangle

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



179.4290, 25.9175, -52.9962



189.7530, 24.7718, -12.0614



190.3240, -21.3587, 37.4269



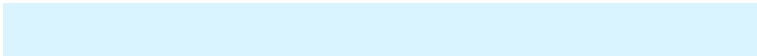
186.7410, -24.0293, 7.2431

Sweetspot

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



179.4290, 25.9175, -52.9962



237.1810, 8.7848, -17.6987



188.7510, -19.5972, -61.1716



117.0140, 5.4161, -10.5363



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.



179.4290, 25.9175, -52.9962



186.0940, 33.9707, -69.3654



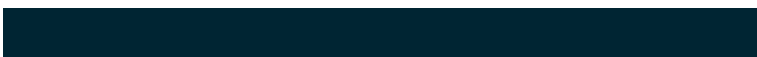
147.1440, 41.8340, -24.6823



109.6510, 2.6371, -5.8329



95.5420, 41.1448, -83.7903



27.5330, 11.5692, -24.1464

Inverse Universe

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



162.0210, 18.7236, 61.3716



163.3360, 24.4844, 80.3893



203.8560, -41.8340, 24.6823



107.6140, 2.1623, 6.4775



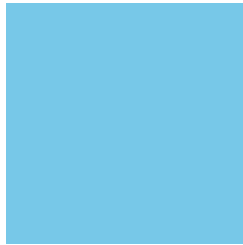
68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 179.4290, 25.9175, -52.9962 looks on a white background.

Color Contrast Check

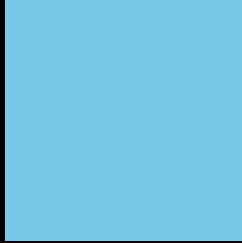
Large Text (above 18pt) WCAG AA × Fail

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 179.4290, 25.9175, -52.9962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

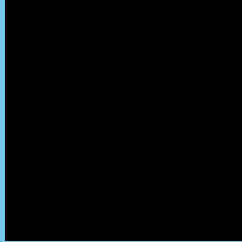
Any Text WCAG AA ✓ Pass

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 179.4290, 25.9175, -52.9962 Background



This preview shows how black text looks on a background with the YUV color 179.4290, 25.9175, -52.9962.



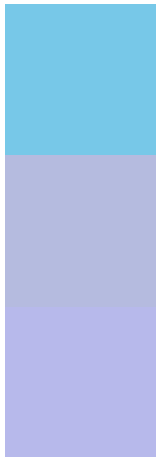
This preview shows how white text looks on a background with the YUV color 179.4290, 25.9175, -52.9962.

-52.9962.

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

179.4290, 25.9175, -52.9962

Protanopia

189.3100, 16.6092, -7.2879

Deuteranopia

190.1020, 22.1347, -6.2285



Tritanopia

177.9250, 20.2500, -55.1852

Trichromacy



Original Color

179.4290, 25.9175, -52.9962

Protanomaly

185.7100, 19.8630, -24.3017

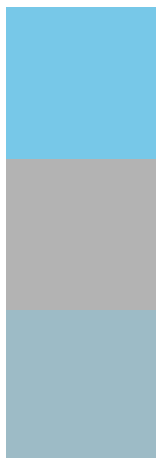
Deuteranomaly

186.0460, 23.6413, -22.8423

Tritanomaly

178.2070, 22.5759, -54.5555

Monochromacy



Original Color

179.4290, 25.9175, -52.9962

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.2840, 9.2270, -19.5431

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.4290, 25.9175, -52.9962 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(119, 200, 232)` looks like.

```
.text, #text, p{  
    color:rgb(119, 200, 232)  
}
```

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(119, 200, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 200, 232) }
```

Border

The CSS property to change the border of an element to YUV 179.4290, 25.9175, -52.9962 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(119, 200, 232) }
```


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

```
.border{ border-color:rgb(119, 200, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 200, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 200, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 200, 232);  
box-shadow:4px 4px 4px 4px rgb(119, 200,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 179.4290, 25.9175, -52.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 200, 232) }
```

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

```
.background{ background-color: rgb(119,  
200, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor