

Converting Colors

YUV(181.2920, 23.5200,
-77.4321)

Have a look what the booklet for
YUV(181.2920, 23.5200, -77.4321)
contains.

YUV(181.2920, 23.5200, -77.4321)	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(181.2920, 23.5200,
-77.4321)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD9E5
RGB	93, 217, 229
RGB Percent	36%, 85%, 90%
CMY	0.6353, 0.1490, 0.1020
CMYK	0.59, 0.05, 0.00, 0.10
HSL	185°, 72%, 63%
HSV	185°, 59%, 90%
XYZ	43.4699, 57.6100, 82.9575
YIQ	181.2920, -77.7560, -22.5560

Conversions

Conversions Part 2

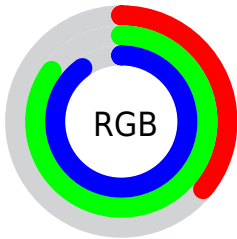
Format	Color
R _Y B	93, 158, 229
Decimal	6150629
CIE Lab	80.52, -30.81, -16.25
CIE LCh	81, 34.834, 207.810
Yxy	57.6100, 0.2362, 0.3130
Android (android.graphics.Color)	4284340709 (0xFF5DD9E5)
YUV	181.2920, 23.5200, -77.4321
Hunter-Lab	75.9013, -30.5973, -11.6711

Details

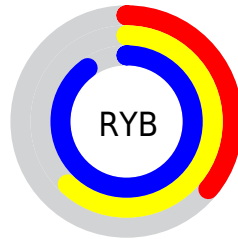
The YUV color **181.2920, 23.5200, -77.4321** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **140.7080, -23.5200, 77.4321**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1000, 14.7407, -61.4777**, and **114.9300, 29.1215, -100.7936** is the 20% darker color. If you saturate the color by 10%, you get **173.2410, 27.4892, -90.5424**, and if you desaturate by 10%, it is **189.3430, 19.5509, -64.3218**.

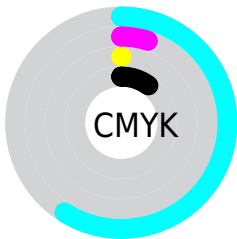
Distribution



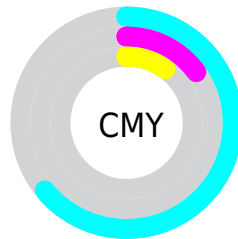
- Red (36%)
- Green (85%)
- Blue (90%)



- Red (36%)
- Yellow (62%)
- Blue (90%)



- Cyan (59%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (64%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2920, 23.5200, -77.4321 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 181.2920, 23.5200, -77.4321 by changing the saturation by 10% instead.

181.2920, 23.5200,
-77.4321

181.2920, 23.5200,
-77.4321

255.0000, 0.0000,
0.0000

151.1990, 24.5519,
-81.7355

225.1000, 14.7407,
-61.4777

114.9300, 29.1215,
-100.7936

234.3690, 10.1711,
-42.4196

96.0030, 25.1415,
-84.1946

243.3390, 5.7489,
-23.9763

77.7770, 21.3089,
-68.2104

252.3090, 1.3267,
-5.5330

60.8390, 17.3344,
-53.3558

44.1290, 14.2334,
-38.7011

28.5930, 10.5537,

-25.0761

■ 6.3550, 11.6570,
-5.5733

■ 0.0000, 0.0000,
0.0000

■ 181.2920, 23.5200,
-77.4321

■ 181.2920, 23.5200,
-77.4321

■ 173.2410, 27.4892,
-90.5424

■ 189.3430, 19.5509,
-64.3218

■ 165.1900, 31.4583,
-103.6526

■ 197.3940, 15.5818,
-51.2115

■ 157.1390, 35.4275,
-116.7629

■ 205.4450, 11.6126,
-38.1013

■ 149.0880, 39.3966,
-129.8732

■ 213.4960, 7.6435,
-24.9910

■ 148.7890, 39.5440,
-130.4880

■ 221.5470, 3.6743,
-11.8807

■ 229.2990, -0.1474,
0.6148

■ 237.3500, -4.1165,
13.7251

■ 239.1220, -4.9901,
13.9250

■ 240.2960, -5.5689,
12.8954

Harmonies

Analogous

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



184.9940, 5.4260, -60.5077



181.2920, 23.5200, -77.4321



185.9910, 33.5284, -67.5211

Triad

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



181.2920, 23.5200, -77.4321



204.4980, 15.0375, 30.2583



198.3040, -31.2089, 23.4124

Complementary

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



181.2920, 23.5200, -77.4321



140.7080, -23.5200, 77.4321

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.



200.8750, -27.0534, 43.9596



181.2920, 23.5200, -77.4321



202.6990, 0.1484, 45.8680

Square

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



181.2920, 23.5200, -77.4321



201.8730, 26.1916, -0.7656



199.6380, -14.1185, 48.5525



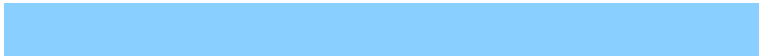
194.6920, -26.4702, -3.2379

Rectangle

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



181.2920, 23.5200, -77.4321



191.5420, 31.2848, -47.8333



199.6380, -14.1185, 48.5525



199.1740, -30.6518, 31.4194

Sweetspot

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



181.2920, 23.5200, -77.4321



238.8980, 7.9383, -26.2205



174.0860, -34.5524, -71.1124



117.5680, 5.1430, -16.2841



0.0000, 0.0000, 0.0000



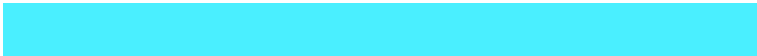
128.0000, 0.0000, 0.0000

Same Dimension

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



181.2920, 23.5200, -77.4321



191.4890, 31.3109, -103.0379



141.9630, 42.9092, -42.9406



110.8250, 2.0583, -6.8625



116.0870, 31.0161, -101.8083



32.8160, 8.9647, -28.7796

Inverse Universe

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



147.8000, 34.1156, 71.2124



146.9290, 45.3910, 94.7783



180.0370, -42.9092, 42.9406



107.8420, 3.0359, 6.2776



72.1030, 44.8122, 93.7487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 181.2920, 23.5200, -77.4321 looks on a white background.

Color Contrast Check

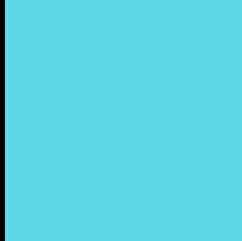
Large Text (above 18pt) WCAG AA × Fail

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 181.2920, 23.5200, -77.4321 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

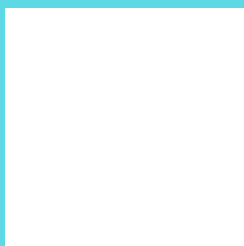
Any Text WCAG AAA ✓ Pass

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

YUV 181.2920, 23.5200, -77.4321 Background



This preview shows how black text looks on a background with the YUV color 181.2920, 23.5200, -77.4321.



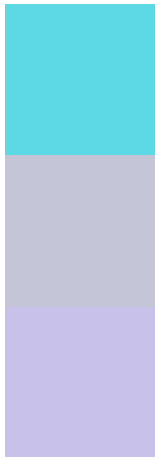
This preview shows how white text looks on a background with the YUV color 181.2920, 23.5200, -77.4321.

-77.4321.

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

181.2920, 23.5200, -77.4321

Protanopia

199.1660, 8.2992, -1.8996

Deuteranopia

200.3540, 16.5875, -0.3105



Tritanopia

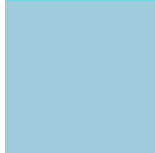
181.8730, 25.6986, -76.1876

Trichromacy



Original Color

181.2920, 23.5200, -77.4321



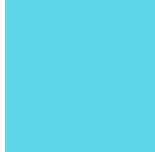
Protanomaly

192.4830, 14.0589, -29.3646



Deuteranomaly

193.1610, 19.1476, -28.2052



Tritanomaly

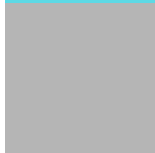
181.3460, 24.9724, -76.6024

Monochromacy



Original Color

181.2920, 23.5200, -77.4321



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.0010, 8.3805, -28.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2920, 23.5200, -77.4321 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(93, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(93, 217, 229)  
}
```

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(93, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 217, 229) }
```

Border

The CSS property to change the border of an element to YUV 181.2920, 23.5200, -77.4321 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(93, 217, 229) }
```


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

```
.border{ border-color:rgb(93, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(93, 217,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 181.2920, 23.5200, -77.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 217, 229) }
```

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

```
.background{ background-color: rgb(93, 217,  
229) }
```

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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