

Converting Colors

YUV(182.5230, 19.9552,
-53.9557)

Have a look what the booklet for
YUV(182.5230, 19.9552, -53.9557)
contains.

YUV(182.5230, 19.9552, -53.9557)	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(182.5230, 19.9552,
-53.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	79CEDF
RGB	121, 206, 223
RGB Percent	47%, 81%, 87%
CMY	0.5255, 0.1922, 0.1255
CMYK	0.46, 0.08, 0.00, 0.13
HSL	190°, 61%, 67%
HSV	190°, 46%, 87%
XYZ	43.2757, 53.5353, 77.8645
YIQ	182.5230, -56.1170, -12.7330

Conversions

Conversions Part 2

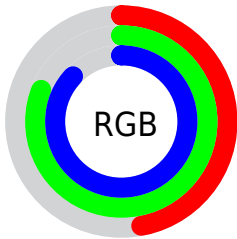
Format	Color
RYB	121, 167, 223
Decimal	7982815
CIELab	78.19, -21.34, -16.45
CIElCh	78, 26.943, 217.639
Yxy	53.5353, 0.2477, 0.3065
Android (android.graphics.Color)	4286172895 (0xFF79CEDF)
YUV	182.5230, 19.9552, -53.9557
Hunter-Lab	73.1678, -22.4682, -11.8784

Details

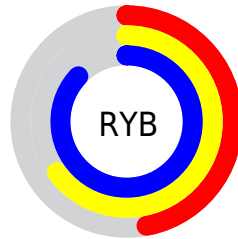
The YUV color **182.5230, 19.9552, -53.9557** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.4770, -19.9552, 53.9557**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9770, 11.3503, -47.3378**, and **126.9140, 20.2554, -56.9296** is the 20% darker color. If you saturate the color by 10%, you get **173.5970, 24.3557, -65.4216**, and if you desaturate by 10%, it is **191.4490, 15.5546, -42.4898**.

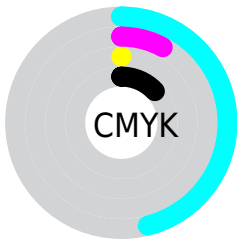
Distribution



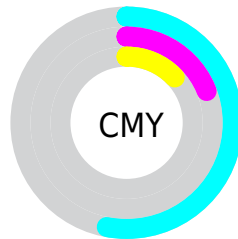
- Red (47%)
- Green (81%)
- Blue (87%)



- Red (47%)
- Yellow (65%)
- Blue (87%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.5230, 19.9552, -53.9557 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 182.5230, 19.9552, -53.9557 by changing the saturation by 10% instead.

■ 182.5230, 19.9552,
-53.9557

■ 182.5230, 19.9552,
-53.9557

255.0000, 0.0000,
0.0000

■ 154.2240, 20.1026,
-54.5704

■ 231.9770, 11.3503,
-47.3378

■ 126.9140, 20.2554,
-56.9296

■ 240.6480, 7.0755,
-29.5093

■ 97.2230, 21.5821,
-62.4626

■ 249.6180, 2.6533,
-11.0660

■ 71.9240, 21.7295,
-63.0773

■ 54.9860, 17.7549,
-48.2227

■ 38.8630, 14.3645,
-34.0829

■ 23.9140, 10.3954,

-20.9726

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 182.5230, 19.9552,
-53.9557

■ 182.5230, 19.9552,
-53.9557

■ 173.5970, 24.3557,
-65.4216

■ 191.4490, 15.5546,
-42.4898

■ 164.9590, 28.6142,
-78.0170

■ 200.0870, 11.2961,
-29.8943

■ 156.0330, 33.0147,
-89.4829

■ 209.0130, 6.8956,
-18.4284

■ 147.1070, 37.4152,
-100.9488

■ 217.9390, 2.4951,
-6.9625

■ 138.1810, 41.8158,
-112.4147

■ 227.1640, -2.0529,
5.1182

■ 134.6040, 43.5792,
-118.0477

■ 235.5030, -6.1640,
17.0989

■ 237.8510, -7.3215,
15.0397

■ 240.1990, -8.4791,
12.9805

■ 241.9600, -9.3473,
11.4361

Harmonies

Analogous

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



182.7550, 8.0088, -48.8971



182.5230, 19.9552, -53.9557



186.7940, 25.7376, -41.9153

Triad

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



182.5230, 19.9552, -53.9557



197.8370, 7.4754, 29.0840



191.5890, -23.4614, 11.7614

Complementary

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



182.5230, 19.9552, -53.9557



161.4770, -19.9552, 53.9557

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.



193.6390, -22.5000, 30.1346



182.5230, 19.9552, -53.9557



197.1130, -4.4927, 41.1199

Square

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



182.5230, 19.9552, -53.9557



196.4520, 18.0182, 7.4966



195.5400, -15.5492, 40.7454



188.6510, -17.5759, -9.3409

Rectangle

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



182.5230, 19.9552, -53.9557



190.5940, 25.8362, -26.8309



195.5400, -15.5492, 40.7454



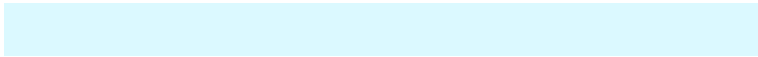
192.5190, -23.9199, 18.8388

Sweetspot

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



182.5230, 19.9552, -53.9557



240.7140, 7.0430, -19.0432



182.8120, -22.0923, -54.2091



119.0740, 4.4005, -11.4659



0.0000, 0.0000, 0.0000



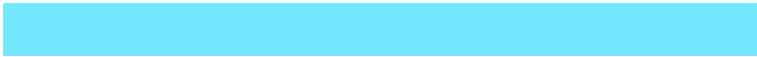
128.0000, 0.0000, 0.0000

Same Dimension

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



182.5230, 19.9552, -53.9557



199.6390, 27.2930, -74.2284



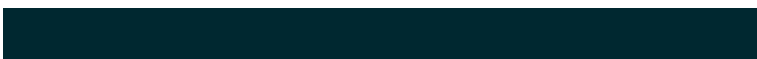
152.5860, 34.7141, -27.7009



107.5370, 2.2003, -5.7329



106.3530, 34.3360, -93.2716



28.9520, 9.3907, -25.3909

Inverse Universe

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



161.1880, 22.0923, 54.2091



170.1980, 30.4684, 74.3714



191.4140, -34.7141, 27.7009



105.3150, 2.3097, 5.8627



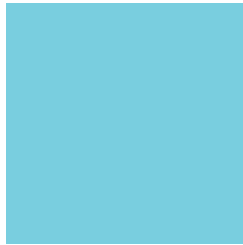
69.3820, 38.2657, 93.5040



18.9120, 10.3964, 25.5102

Previews

White Background



This preview shows how the YUV color 182.5230, 19.9552, -53.9557 looks on a white background.

Color Contrast Check

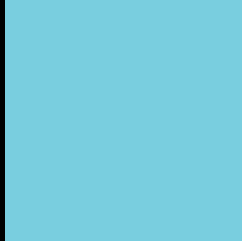
Large Text (above 18pt) WCAG AA × Fail

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 182.5230, 19.9552, -53.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

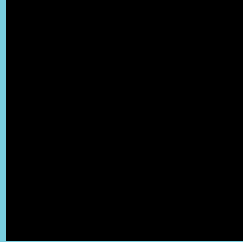
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 182.5230, 19.9552, -53.9557

Background



This preview shows how black text looks on a background with the YUV color 182.5230, 19.9552, -53.9557.



This preview shows how white text looks on a background with the YUV color 182.5230, 19.9552, -53.9557.

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

182.5230, 19.9552, -53.9557

Protanopia

193.2090, 9.7570, -2.8143

Deuteranopia

194.2400, 16.1507, -0.2105



Tritanopia

182.5230, 19.9552, -53.9557

Trichromacy



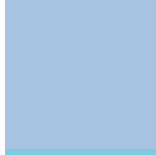
Original Color

182.5230, 19.9552, -53.9557



Protanomaly

189.1250, 13.7424, -21.1576



Deuteranomaly

190.1620, 17.6681, -20.3131



Tritanomaly

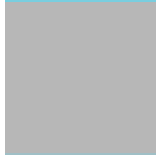
182.5230, 19.9552, -53.9557

Monochromacy



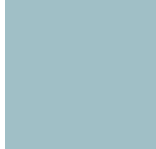
Original Color

182.5230, 19.9552, -53.9557



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

182.5290, 7.6272, -19.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.5230, 19.9552, -53.9557 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, 206, 223)` looks like.

```
.text, #text, p{  
    color:rgb(121, 206, 223)  
}
```

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, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 206, 223) }
```

Border

The CSS property to change the border of an element to YUV 182.5230, 19.9552, -53.9557 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, 206, 223) }
```


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

```
.border{ border-color:rgb(121, 206, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(121, 206,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 182.5230, 19.9552, -53.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 206, 223) }
```

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

```
.background{ background-color: rgb(121,  
206, 223) }
```

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