

Converting Colors

YUV(183.5520, 22.4059,
-93.4461)

Have a look what the booklet for
YUV(183.5520, 22.4059, -93.4461)
contains.

YUV(183.5520, 22.4059, -93.4461)	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(183.5520, 22.4059,
-93.4461)**

Conversions

Conversions Part 1

Format	Color
Hex	4DE5E5
RGB	77, 229, 229
RGB Percent	30%, 90%, 90%
CMY	0.6980, 0.1020, 0.1020
CMYK	0.66, 0.00, 0.00, 0.10
HSL	180°, 75%, 60%
HSV	180°, 66%, 90%
XYZ	45.2227, 63.2735, 83.9583
YIQ	183.5520, -90.5920, -32.2240

Conversions

Conversions Part 2

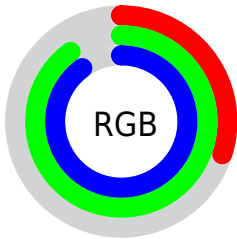
Format	Color
RYB	77, 153, 229
Decimal	5105125
CIELab	83.59, -38.91, -11.70
CIELCh	84, 40.631, 196.734
Yxy	63.2735, 0.2350, 0.3288
Android (android.graphics.Color)	4283295205 (0xFF4DE5E5)
YUV	183.5520, 22.4059, -93.4461
Hunter-Lab	79.5447, -37.7224, -6.8985

Details

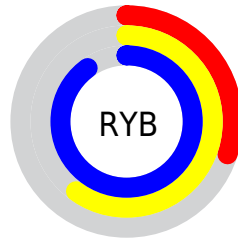
The YUV color **183.5520, 22.4059, -93.4461** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **122.4480, -22.4059, 93.4461**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, 16.3622, -68.2402**, and **121.3870, 25.9382, -106.4564** is the 20% darker color. If you saturate the color by 10%, you get **176.6750, 25.7962, -107.5860**, and if you desaturate by 10%, it is **190.4290, 19.0155, -79.3062**.

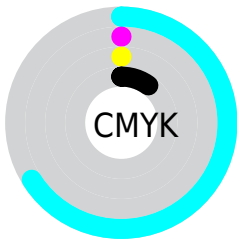
Distribution



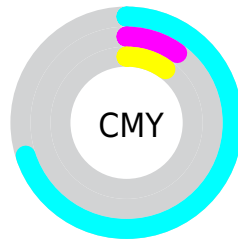
- Red (30%)
- Green (90%)
- Blue (90%)



- Red (30%)
- Yellow (60%)
- Blue (90%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.5520, 22.4059, -93.4461 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 183.5520, 22.4059, -93.4461 by changing the saturation by 10% instead.

183.5520, 22.4059,
-93.4461

183.5520, 22.4059,
-93.4461

255.0000, 0.0000,
0.0000

149.5720, 25.3540,
-105.7416

221.8110, 16.3622,
-68.2402

121.3870, 25.9382,
-106.4564

231.3790, 11.6452,
-48.5674

102.4600, 21.9582,
-89.8574

240.6480, 7.0755,
-29.5093

84.2340, 18.1256,
-73.8732

249.9170, 2.5059,
-10.4512

66.2360, 15.1667,
-58.0890

49.4120, 11.6289,
-43.3343

32.7020, 8.5279,

-28.6797

■ 16.3340, 6.7373,
-14.3249

■ 0.2280, 0.8736,
-0.2000

■ 183.5520, 22.4059,
-93.4461

■ 183.5520, 22.4059,
-93.4461

■ 176.6750, 25.7962,
-107.5860

■ 190.4290, 19.0155,
-79.3062

■ 169.7980, 29.1866,
-121.7258

■ 197.3060, 15.6251,
-65.1664

■ 162.9210, 32.5769,
-135.8657

■ 204.1830, 12.2348,
-51.0265

■ 160.5290, 33.7562,
-140.7839

■ 211.0600, 8.8444,
-36.8866

■ 217.6380, 5.6015,
-23.3615

■ 224.5150, 2.2111,
-9.2217

■ 231.3920, -1.1793,
4.9182

■ 236.7740, -3.8326,
15.9842

Harmonies

Analogous

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



191.9740, -0.9732, -61.3672



183.5520, 22.4059, -93.4461



183.2710, 35.3624, -95.8307

Triad

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



183.5520, 22.4059, -93.4461



212.9470, 20.7321, 23.7255



207.1270, -36.0516, 36.7226

Complementary

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



183.5520, 22.4059, -93.4461



122.4480, -22.4059, 93.4461

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.



203.5700, -24.4380, 45.1041



183.5520, 22.4059, -93.4461



208.3700, 9.1846, 40.8945

Square

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



183.5520, 22.4059, -93.4461



205.9160, 24.1984, -14.8353



203.3370, -7.5611, 45.3085



203.9940, -34.5070, 7.8983

Rectangle

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



183.5520, 22.4059, -93.4461



190.2030, 31.9449, -72.9690



203.3370, -7.5611, 45.3085



207.1430, -33.5945, 41.9706

Sweetspot

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



183.5520, 22.4059, -93.4461



239.7510, 7.5178, -31.3536



166.2240, -43.9874, -78.2494



118.7310, 4.5696, -19.0581



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.



183.5520, 22.4059, -93.4461



194.0040, 30.0710, -125.4145



138.9400, 44.3996, -54.3214



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Inverse Universe

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



139.7760, 43.9874, 78.2494



135.2520, 59.0358, 105.0190



167.0600, -44.3996, 54.3214



107.9560, 3.4727, 6.1776



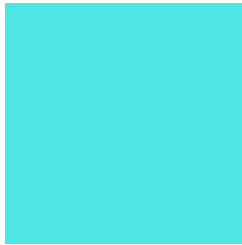
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 183.5520, 22.4059, -93.4461 looks on a white background.

Color Contrast Check

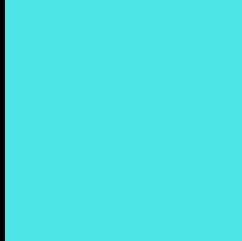
Large Text (above 18pt) WCAG AA × Fail

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 183.5520, 22.4059, -93.4461 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 183.5520, 22.4059, -93.4461 Background



This preview shows how black text looks on a background with the YUV color 183.5520, 22.4059, -93.4461.



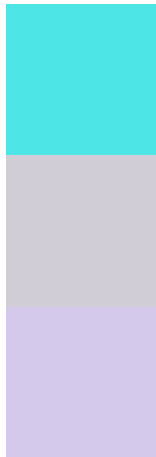
This preview shows how white text looks on a background with the YUV color 183.5520, 22.4059, -93.4461.

-93.4461.

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

183.5520, 22.4059, -93.4461

Protanopia

207.0370, 3.9258, 0.8446

Deuteranopia

208.4640, 13.0822, 3.9781



Tritanopia

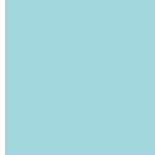
186.5940, 28.7942, -89.0979

Trichromacy



Original Color

183.5520, 22.4059, -93.4461



Protanomaly

198.5380, 10.5808, -33.7978



Deuteranomaly

199.4550, 16.5377, -31.0940



Tritanomaly

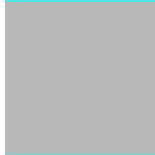
185.6000, 26.3262, -90.8572

Monochromacy



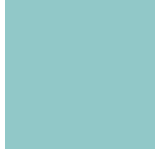
Original Color

183.5520, 22.4059, -93.4461



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

183.5550, 8.1074, -33.8127

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.5520, 22.4059, -93.4461 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(77, 229, 229)` looks like.

```
.text, #text, p{  
    color:rgb(77, 229, 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(77, 229, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 229, 229) }
```

Border

The CSS property to change the border of an element to YUV 183.5520, 22.4059, -93.4461 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(77, 229, 229) }
```


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

```
.border{ border-color:rgb(77, 229, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 229, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 229, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 229, 229);  
box-shadow:4px 4px 4px 4px rgb(77, 229,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 183.5520, 22.4059, -93.4461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 229, 229) }
```

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

```
.background{ background-color: rgb(77, 229,  
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](#).

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