

Converting Colors

YUV(180.2530, 22.5533,
-94.0609)

Have a look what the booklet for
YUV(180.2530, 22.5533, -94.0609)
contains.

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Color

**YUV(180.2530, 22.5533,
-94.0609)**

Conversions

Conversions Part 1

Format	Color
Hex	49E2E2
RGB	73, 226, 226
RGB Percent	29%, 89%, 89%
CMY	0.7137, 0.1137, 0.1137
CMYK	0.68, 0.00, 0.00, 0.11
HSL	180°, 73%, 59%
HSV	180°, 68%, 89%
XYZ	43.6715, 61.3002, 81.4819
YIQ	180.2530, -91.1880, -32.4360

Conversions

Conversions Part 2

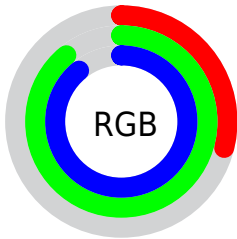
Format	Color
RYB	73, 150, 226
Decimal	4842210
CIELab	82.54, -38.92, -11.68
CIELCh	83, 40.632, 196.709
Yxy	61.3002, 0.2342, 0.3288
Android (android.graphics.Color)	4283032290 (0xFF49E2E2)
YUV	180.2530, 22.5533, -94.0609
Hunter-Lab	78.2944, -37.4506, -6.8977

Details

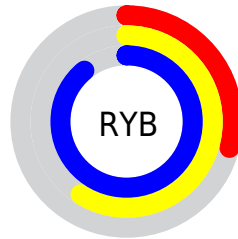
The YUV color **180.2530, 22.5533, -94.0609** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **118.7470, -22.5533, 94.0609**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **119.2840, 25.4960, -104.6121** is the 20% darker color. If you saturate the color by 10%, you get **173.3760, 25.9436, -108.2008**, and if you desaturate by 10%, it is **187.1300, 19.1629, -79.9210**.

Distribution



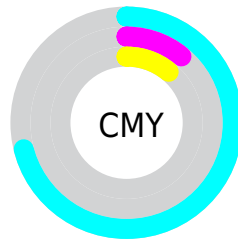
- Red (29%)
- Green (89%)
- Blue (89%)



- Red (29%)
- Yellow (59%)
- Blue (89%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (71%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2530, 22.5533, -94.0609 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 180.2530, 22.5533, -94.0609 by changing the saturation by 10% instead.

180.2530, 22.5533,
-94.0609

180.2530, 22.5533,
-94.0609

255.0000, 0.0000,
0.0000

144.7780, 26.2384,
-109.4303

220.9140, 16.8044,
-70.0846

119.2840, 25.4960,
-104.6121

230.1830, 12.2348,
-51.0265

100.3570, 21.5160,
-88.0131

239.7510, 7.5178,
-31.3536

82.2450, 18.1202,
-72.1289

249.0200, 2.9481,
-12.2955

64.7200, 14.4350,
-56.7594

47.3090, 11.1867,
-41.4900

31.3000, 8.2331,

-27.4501

■ 13.1710, 7.3107,
-11.5510

■ 0.0000, 0.0000,
0.0000

■ 180.2530, 22.5533,
-94.0609

■ 180.2530, 22.5533,
-94.0609

■ 173.3760, 25.9436,
-108.2008

■ 187.1300, 19.1629,
-79.9210

■ 166.7980, 29.1866,
-121.7258


■ 193.7080, 15.9200,
-66.3959


■ 159.9210, 32.5769,
-135.8657

■ 200.5850, 12.5296,
-52.2560

■ 158.4260, 33.3140,
-138.9396


■ 207.1630, 9.2866,
-38.7310

 214.0400, 5.8963,
-24.5911

 220.9170, 2.5059,
-10.4512

 227.4950, -0.7370,
3.0739

 234.3720, -4.1274,
17.2138

 234.6710, -4.2748,
17.8285

Harmonies

Analogous

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



188.9740, -0.9732, -61.3672



180.2530, 22.5533, -94.0609



180.0150, 36.9676, -97.3602

Triad

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



180.2530, 22.5533, -94.0609



210.2890, 22.0425, 23.4255



204.1270, -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.



180.2530, 22.5533, -94.0609



118.7470, -22.5533, 94.0609

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.



202.0540, -25.1696, 46.4336



180.2530, 22.5533, -94.0609



206.2670, 8.7424, 42.7388

Square

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



180.2530, 22.5533, -94.0609



202.9590, 25.6562, -15.7500



201.2340, -8.0034, 47.1528



200.9940, -34.5070, 7.8983

Rectangle

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



180.2530, 22.5533, -94.0609



187.2460, 33.4027, -73.8837



201.2340, -8.0034, 47.1528



205.0400, -34.0367, 43.8149

Sweetspot

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



180.2530, 22.5533, -94.0609



239.7510, 7.5178, -31.3536



162.8110, -44.2768, -78.7642



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.



180.2530, 22.5533, -94.0609



193.1070, 30.5132, -127.2588



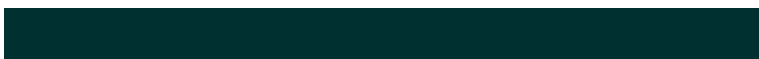
135.0540, 44.8364, -54.4214



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Inverse Universe

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



136.1890, 44.2768, 78.7642



133.4910, 59.9039, 106.5634



163.3590, -44.5470, 54.9362



105.5430, 3.1833, 5.6628



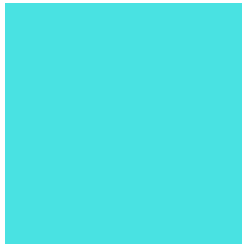
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 180.2530, 22.5533, -94.0609 looks on a white background.

Color Contrast Check

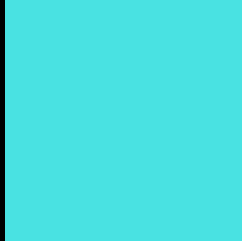
Large Text (above 18pt) WCAG AA × Fail

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 180.2530, 22.5533, -94.0609 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

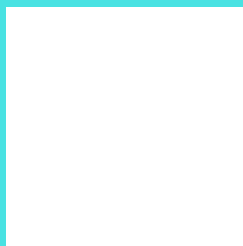
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.2530, 22.5533, -94.0609

Background



This preview shows how black text looks on a background with the YUV color 180.2530, 22.5533, -94.0609.



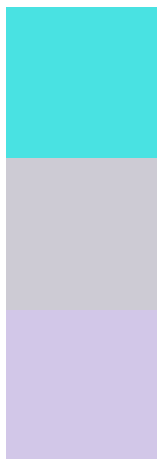
This preview shows how white text looks on a background with the YUV color 180.2530, 22.5533, -94.0609.

-94.0609.

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

180.2530, 22.5533, -94.0609

Protanopia

204.6240, 3.6364, 0.3298

Deuteranopia

206.0510, 12.7929, 3.4633



Tritanopia

183.5940, 28.7942, -89.0979

Trichromacy



Original Color

180.2530, 22.5533, -94.0609



Protanomaly

195.5380, 10.5808, -33.7978



Deuteranomaly

196.7430, 16.3957, -32.2236



Tritanomaly

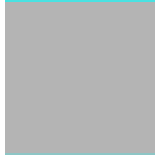
182.6000, 26.3262, -90.8572

Monochromacy



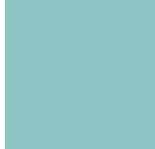
Original Color

180.2530, 22.5533, -94.0609



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.2560, 8.2548, -34.4275

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2530, 22.5533, -94.0609 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(73, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(73, 226, 226)  
}
```

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(73, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 226, 226) }
```

Border

The CSS property to change the border of an element to YUV 180.2530, 22.5533, -94.0609 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(73, 226, 226) }
```


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

```
.border{ border-color:rgb(73, 226, 226) }
```

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

Here you see how a box with a 4 pixel rgb(73, 226, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(73, 226,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 180.2530, 22.5533, -94.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 226, 226) }
```

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

```
.background{ background-color: rgb(73, 226,  
226) }
```

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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