

Converting Colors

YUV(193.0020, 3.4500,
-33.3278)

Have a look what the booklet for
YUV(193.0020, 3.4500, -33.3278)
contains.

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Color

**YUV(193.0020, 3.4500,
-33.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD3C8
RGB	155, 211, 200
RGB Percent	61%, 83%, 78%
CMY	0.3922, 0.1725, 0.2157
CMYK	0.27, 0.00, 0.05, 0.17
HSL	168°, 39%, 72%
HSV	168°, 27%, 83%
XYZ	47.2372, 57.7272, 63.2964
YIQ	193.0020, -29.8450, -15.2930

Conversions

Conversions Part 2

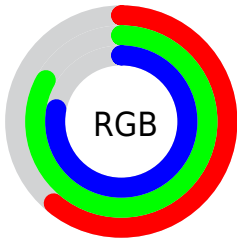
Format	Color
RYB	155, 186, 211
Decimal	10212296
CIELab	80.59, -20.27, -0.39
CIELCh	81, 20.275, 181.099
Yxy	57.7272, 0.2807, 0.3431
Android (android.graphics.Color)	4288402376 (0xFF9BD3C8)
YUV	193.0020, 3.4500, -33.3278
Hunter-Lab	75.9784, -21.9856, 3.7914

Details

The YUV color $193.0020, 3.4500, -33.3278$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $172.9980, -3.4500, 33.3278$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.8440, 6.4859, -27.0502$, and $138.7140, 3.5920, -32.1982$ is the 20% darker color. If you saturate the color by 10%, you get $186.2670, 4.7984, -45.8382$, and if you desaturate by 10%, it is $199.7370, 2.1017, -20.8173$.

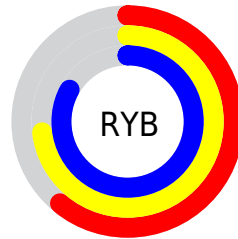
Distribution



Red (61%)

Green (83%)

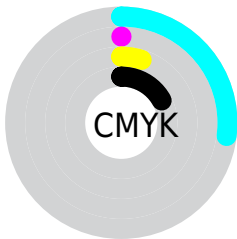
Blue (78%)



Red (61%)

Yellow (73%)

Blue (83%)

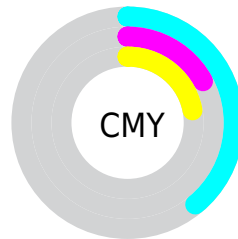


Cyan (27%)

Magenta (0%)

Yellow (5%)

Black (17%)



Cyan (39%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0020, 3.4500, -33.3278 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 193.0020, 3.4500, -33.3278 by changing the saturation by 10% instead.

■ 193.0020, 3.4500,
-33.3278

■ 193.0020, 3.4500,
-33.3278

■ 255.0000, 0.0000,
0.0000

■ 165.4150, 3.7394,
-32.8130

■ 241.8440, 6.4859,
-27.0502

■ 138.7140, 3.5920,
-32.1982

■ 250.2160, 2.3585,
-9.8364

■ 112.7140, 3.5920,
-32.1982

■ 87.8280, 4.0288,
-32.2982

■ 62.6430, 4.6130,
-33.0129

■ 39.1590, 5.3446,
-34.3424

■ 23.8510, 2.5385,

-20.9173

■ 2.6900, 0.1528,
-2.3591

■ 0.0000, 0.0000,
0.0000

■ 193.0020, 3.4500,
-33.3278

■ 193.0020, 3.4500,
-33.3278

■ 186.2670, 4.7984,
-45.8382

■ 199.7370, 2.1017,
-20.8173

■ 179.5320, 6.1467,
-58.3486

■ 206.4720, 0.7533,
-8.3069

■ 172.7970, 7.4951,
-70.8590

■ 213.2070, -0.5951,
4.2035

■ 165.9480, 8.4066,
-83.2694

■ 220.0560, -1.5066,
16.6139

■ 159.2130, 9.7550,
-95.7798

■ 225.2960, -2.1179,
26.0504

■ 152.1790, 11.2508,
-108.9050

■ 225.7520, -0.3707,
25.6505

■ 145.4440, 12.5991,
-121.4154

■ 226.2080, 1.3765,
25.2506

■ 143.2370, 13.1942,
-125.6188

■ 226.6640, 3.1236,
24.8507

■ 227.1200, 4.8708,
24.4508

Harmonies

Analogous

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



194.7450, -6.7763, -19.9474



193.0020, 3.4500, -33.3278



192.7870, 12.9230, -38.4012

Triad

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



193.0020, 3.4500, -33.3278



201.9090, 14.8349, 1.8338



201.3980, -16.9582, 25.9610

Complementary

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



193.0020, 3.4500, -33.3278



172.9980, -3.4500, 33.3278

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.



202.4510, -10.5753, 32.0535



193.0020, 3.4500, -33.3278



203.1840, 7.7973, 19.1326

Square

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



193.0020, 3.4500, -33.3278



198.5260, 18.9677, -17.1243



203.7310, -1.8394, 30.0539



199.2670, -18.3726, 12.9208

Rectangle

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



193.0020, 3.4500, -33.3278



194.2480, 17.1327, -35.2975



203.7310, -1.8394, 30.0539



201.5770, -15.0745, 28.4350

Sweetspot

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



193.0020, 3.4500, -33.3278



248.5640, 1.2009, -11.8956



191.1610, -17.8274, -22.0662



123.7710, 0.6059, -7.6922



0.0000, 0.0000, 0.0000



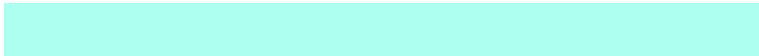
128.0000, 0.0000, 0.0000

Same Dimension

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



193.0020, 3.4500, -33.3278



228.6580, 5.0986, -48.8121



184.2770, 13.1744, -25.6759



101.3690, 0.3111, -6.4626



114.0060, 10.3500, -99.9833



27.8290, 2.5493, -24.4060

Inverse Universe

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



172.9980, -3.4500, 33.3278



199.3420, -5.0986, 48.8121



181.7230, -13.1744, 25.6759



97.5170, -0.7479, 6.5626



53.9940, -10.3500, 99.9833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 193.0020, 3.4500, -33.3278 looks on a white background.

Color Contrast Check

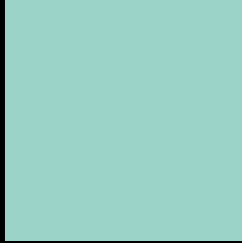
Large Text (above 18pt) WCAG AA × Fail

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 193.0020, 3.4500, -33.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

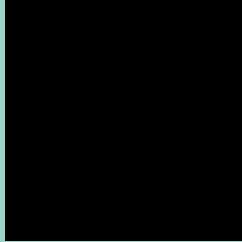
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.0020, 3.4500, -33.3278

Background



This preview shows how black text looks on a background with the YUV color 193.0020, 3.4500, -33.3278.



This preview shows how white text looks on a background with the YUV color 193.0020, 3.4500, -33.3278.

-33.3278.

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

193.0020, 3.4500, -33.3278

Protanopia

199.2240, -3.0684, 4.1886

Deuteranopia

201.4300, 1.2670, 13.6549



Tritanopia

194.8850, 14.3537, -30.5941

Trichromacy



Original Color

193.0020, 3.4500, -33.3278

Protanomaly

197.1190, -0.5517, -9.7514

Deuteranomaly

198.5480, 2.1948, -3.9886

Tritanomaly

193.8480, 10.4279, -31.4387

Monochromacy



Original Color

193.0020, 3.4500, -33.3278

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.2650, 1.3484, -12.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0020, 3.4500, -33.3278 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(155, 211, 200)` looks like.

```
.text, #text, p{  
    color:rgb(155, 211, 200)  
}
```

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(155, 211, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 211, 200) }
```

Border

The CSS property to change the border of an element to YUV 193.0020, 3.4500, -33.3278 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(155, 211, 200) }
```


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

```
.border{ border-color:rgb(155, 211, 200) }
```

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

Here you see how a box with a 4 pixel rgb(155, 211, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 211, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 211, 200);  
box-shadow:4px 4px 4px 4px rgb(155, 211,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 193.0020, 3.4500, -33.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 211, 200) }
```

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

```
.background{ background-color: rgb(155,  
211, 200) }
```

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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