

Converting Colors

YUV(178.2340, -28.7094,
-31.7772)

Have a look what the booklet for
YUV(178.2340, -28.7094, -31.7772)
contains.

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Color

**YUV(178.2340, -28.7094,
-31.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED078
RGB	142, 208, 120
RGB Percent	56%, 82%, 47%
CMY	0.4431, 0.1843, 0.5294
CMYK	0.32, 0.00, 0.42, 0.18
HSL	105°, 48%, 64%
HSV	105°, 42%, 82%
XYZ	37.1014, 52.2186, 25.8931
YIQ	178.2340, -11.0880, -41.3600

Conversions

Conversions Part 2

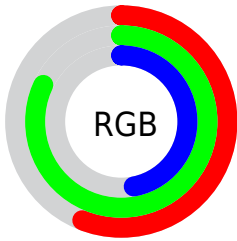
Format	Color
RYB	120, 208, 186
Decimal	9359480
CIELab	77.41, -37.22, 37.14
CIELCh	77, 52.583, 135.058
Yxy	52.2186, 0.3220, 0.4532
Android (android.graphics.Color)	4287549560 (0xFF8ED078)
YUV	178.2340, -28.7094, -31.7772
Hunter-Lab	72.2624, -34.8128, 29.3389

Details

The YUV color **178.2340, -28.7094, -31.7772** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **149.7660, 28.7094, 31.7772**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.6090, -27.4152, -26.8441**, and **124.1030, -26.6728, -31.6623** is the 20% darker color. If you saturate the color by 10%, you get **171.0560, -35.5236, -39.5141**, and if you desaturate by 10%, it is **185.4120, -21.8951, -24.0403**.

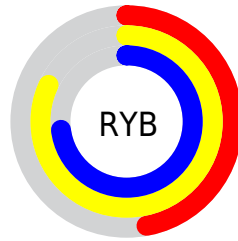
Distribution



Red (56%)

Green (82%)

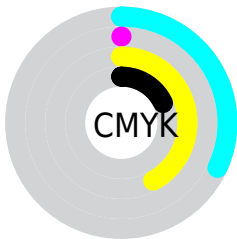
Blue (47%)



Red (47%)

Yellow (82%)

Blue (73%)

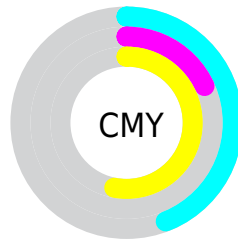


Cyan (32%)

Magenta (0%)

Yellow (42%)

Black (18%)



Cyan (44%)

Magenta (18%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2340, -28.7094, -31.7772 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 178.2340, -28.7094, -31.7772 by changing the saturation by 10% instead.

■ 178.2340,
-28.7094, -31.7772

■ 178.2340,
-28.7094, -31.7772

255.0000, 0.0000,
0.0000

■ 150.7610,
-27.9832, -31.3624

■ 228.6090,
-27.4152, -26.8441

■ 124.1030,
-26.6728, -31.6623

■ 240.4720,
-19.4597, -11.8149

■ 98.2170, -26.2360,
-31.7623

■ 252.1500,
-10.9200, 2.4994

■ 71.7330, -25.5044,
-33.0918

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,
-27.2843

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 178.2340,
-28.7094, -31.7772

■ 178.2340,
-28.7094, -31.7772

■ 171.0560,
-35.5236, -39.5141

■ 185.4120,
-21.8951, -24.0403

■ 164.1770,
-42.4853, -46.6362

■ 192.2910,
-14.9335, -16.9182

■ 157.1130,
-48.8627, -54.4731

■ 199.3550, -8.5560,
-9.0813

■ 150.2340,
-55.8244, -61.5952

■ 206.2340, -1.5944,
-1.9592

■ 143.0560,
-62.6386, -69.3321

■ 213.4120, 5.2199,
5.7777

■ 137.6440,
-67.8585, -75.1098

■ 220.5900, 12.0341,
13.5146

■ 226.2150, 14.1910,
21.7364

■ 227.4110, 13.6014,
24.1956

Harmonies

Analogous

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



184.6710, -44.7008, 10.8125



178.2340, -28.7094, -31.7772



164.3360, -0.1656, -87.1177

Triad

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



178.2340, -28.7094, -31.7772



151.5200, 51.0156, -123.2360



184.0340, -7.9048, 62.2372

Complementary

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



178.2340, -28.7094, -31.7772



149.7660, 28.7094, 31.7772

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.



191.4950, 13.0670, 55.6939



178.2340, -28.7094, -31.7772



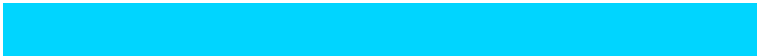
185.7710, 34.1299, -26.9862

Square

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



178.2340, -28.7094, -31.7772



154.1010, 49.7432, -135.1466



196.1460, 29.0150, 27.0590



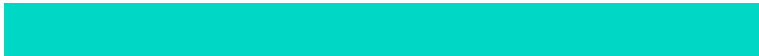
185.4750, -30.3072, 60.9734

Rectangle

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



178.2340, -28.7094, -31.7772



149.3640, 23.9775, -130.9922



196.1460, 29.0150, 27.0590



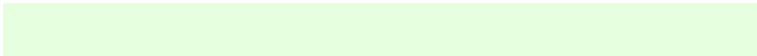
185.3850, -0.1898, 61.0524

Sweetspot

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



178.2340, -28.7094, -31.7772



243.7630, -10.7292, -12.0702



185.0540, -32.0716, 20.1236



120.8220, -6.8142, -7.7369



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.



178.2340, -28.7094, -31.7772



210.8780, -42.3379, -47.2510



174.1640, -15.8569, -47.5018



101.3540, -3.6255, -3.8185



111.1740, -54.8088, -60.6656



27.0570, -13.3391, -14.9590

Inverse Universe

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



149.7660, 28.7094, 31.7772



168.8230, 42.4853, 46.6362



153.8360, 15.8569, 47.5018



97.6460, 3.6255, 3.8185



56.8260, 54.8088, 60.6656



13.9430, 13.3391, 14.9590

Previews

White Background



This preview shows how the YUV color 178.2340, -28.7094, -31.7772 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 178.2340, -28.7094, -31.7772 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 178.2340, -28.7094, -31.7772 Background



This preview shows how black text looks on a background with the YUV color 178.2340, -28.7094, -31.7772.



This preview shows how white text looks on a background with the YUV color 178.2340, -28.7094, -31.7772.

-31.7772.

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

178.2340, -28.7094, -31.7772

Protanopia

186.6040, -36.2868, 18.7643

Deuteranopia

189.3700, -31.2414, 33.8785



Tritanopia

187.1630, 12.7376, -25.5760

Trichromacy



Original Color

178.2340, -28.7094, -31.7772

Protanomaly

183.8790, -33.4643, 0.1061

Deuteranomaly

185.1560, -30.1499, 10.3872

Tritanomaly

183.8410, -2.3866, -27.9246

Monochromacy



Original Color

178.2340, -28.7094, -31.7772

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1760, -10.4398, -11.5554

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2340, -28.7094, -31.7772 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(142, 208, 120)` looks like.

```
.text, #text, p{  
    color:rgb(142, 208, 120)  
}
```

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(142, 208, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 208, 120) }
```

Border

The CSS property to change the border of an element to YUV 178.2340, -28.7094, -31.7772 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(142, 208, 120) }
```


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

```
.border{ border-color:rgb(142, 208, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 208, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 208, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 208, 120);  
box-shadow:4px 4px 4px 4px rgb(142, 208,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 178.2340, -28.7094, -31.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 208, 120) }
```

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

```
.background{ background-color: rgb(142,  
208, 120) }
```

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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