

Converting Colors

YUV(171.9680, -25.1272,
-14.0039)

Have a look what the booklet for
YUV(171.9680, -25.1272, -14.0039)
contains.

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Color

**YUV(171.9680, -25.1272,
-14.0039)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBE79
RGB	156, 190, 121
RGB Percent	61%, 75%, 47%
CMY	0.3882, 0.2549, 0.5255
CMYK	0.18, 0.00, 0.36, 0.25
HSL	90°, 35%, 61%
HSV	90°, 36%, 75%
XYZ	35.5749, 45.2753, 24.9532
YIQ	171.9680, 1.8850, -28.6670

Conversions

Conversions Part 2

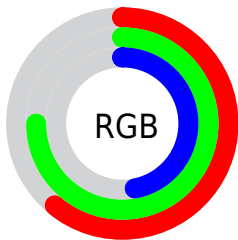
Format	Color
RYB	121, 190, 155
Decimal	10272377
CIELab	73.07, -23.60, 31.18
CIElCh	73, 39.106, 127.121
Yxy	45.2753, 0.3362, 0.4279
Android (android.graphics.Color)	4288462457 (0xFF9CBE79)
YUV	171.9680, -25.1272, -14.0039
Hunter-Lab	67.2869, -23.3783, 25.1133

Details

The YUV color **171.9680, -25.1272, -14.0039** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **139.0320, 25.1272, 14.0039**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3270, -26.2902, -14.3188**, and **118.7230, -23.5274, -13.7891** is the 20% darker color. If you saturate the color by 10%, you get **167.1110, -32.0997, -17.6373**, and if you desaturate by 10%, it is **176.8250, -18.1547, -10.3705**.

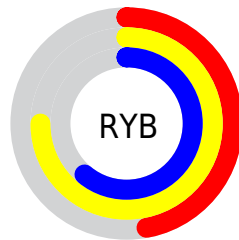
Distribution



Red (61%)

Green (75%)

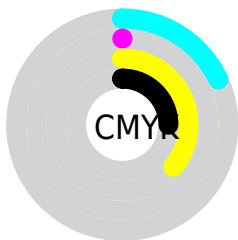
Blue (47%)



Red (47%)

Yellow (75%)

Blue (61%)

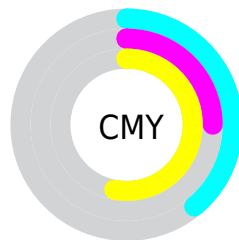


Cyan (18%)

Magenta (0%)

Yellow (36%)

Black (25%)



Cyan (39%)

Magenta (25%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9680, -25.1272, -14.0039 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 171.9680, -25.1272, -14.0039 by changing the saturation by 10% instead.

■ 171.9680,
-25.1272, -14.0039

■ 171.9680,
-25.1272, -14.0039

255.0000, 0.0000,
0.0000

■ 145.1960,
-24.2536, -14.2039

■ 227.3270,
-26.2902, -14.3188

■ 118.7230,
-23.5274, -13.7891

■ 244.4730,
-20.9392, -3.9228

■ 93.9510, -22.6538,
-13.9890

■ 252.1500,
-10.9200, 2.4994

■ 69.3640, -22.3645,
-13.4742

■ 45.9510, -22.6538,
-13.9890

■ 25.8610, -12.7495,
-17.4181

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 171.9680,
-25.1272, -14.0039

■ 171.9680,
-25.1272, -14.0039

■ 167.1110,
-32.0997, -17.6373

■ 176.8250,
-18.1547, -10.3705

■ 161.9550,
-38.9248, -21.8855

■ 181.9810,
-11.3296, -6.1223

■ 157.0980,
-45.8973, -25.5189

■ 186.8380, -4.3571,
-2.4889

■ 152.2410,
-52.8698, -29.1524

■ 191.6950, 2.6154,
1.1445

■ 147.0850,
-59.6949, -33.4005

■ 196.8510, 9.4405,
5.3927

■ 142.2280,
-66.6674, -37.0340

■ 201.7080, 16.4130,
9.0261

■ 140.2340,
-69.1354, -38.7932

■ 206.8640, 23.2380,
13.2743

■ 209.6690, 22.3482,
18.7073

■ 212.3600, 21.0215,
24.2403

Harmonies

Analogous

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



176.1630, -34.0974, 16.5200



171.9680, -25.1272, -14.0039



165.6400, -7.7105, -47.0423

Triad

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



171.9680, -25.1272, -14.0039



163.3690, 40.2441, -74.8686



182.3970, -5.1257, 57.5338

Complementary

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



171.9680, -25.1272, -14.0039



139.0320, 25.1272, 14.0039

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.



184.3530, 11.6580, 40.9094



171.9680, -25.1272, -14.0039



176.6180, 36.1773, -30.3600

Square

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



171.9680, -25.1272, -14.0039



147.4110, 36.2794, -109.9854



183.3520, 26.4485, 10.2153



180.8580, -21.1290, 57.1295

Rectangle

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



171.9680, -25.1272, -14.0039



159.7970, 7.4951, -70.8590



183.3520, 26.4485, 10.2153



183.4550, 0.2687, 53.9750

Sweetspot

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



171.9680, -25.1272, -14.0039



240.0350, -9.8773, -5.2927



161.0020, -19.7210, 25.4312



120.7840, -5.8095, -3.3186



252.0000, 0.0000, 0.0000



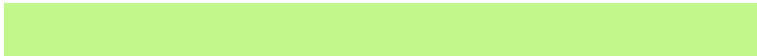
125.0000, 0.0000, 0.0000

Same Dimension

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



171.9680, -25.1272, -14.0039



218.8410, -39.3616, -21.7856



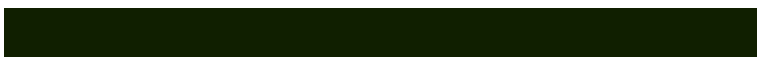
161.8020, -20.1154, -34.9064



91.7780, -3.3416, -1.5593



116.6660, -57.5163, -32.1561



22.9810, -11.3296, -6.1223

Inverse Universe

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



139.0320, 25.1272, 14.0039



167.1590, 39.3616, 21.7856



149.1980, 20.1154, 34.9064



87.5210, 3.1941, 2.1741



41.3340, 57.5163, 32.1561



8.0190, 11.3296, 6.1223

Previews

White Background



This preview shows how the YUV color 171.9680, -25.1272, -14.0039 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 171.9680, -25.1272, -14.0039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

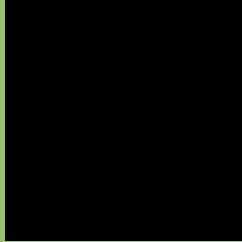
Any Text WCAG AA ✓ Pass

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 171.9680, -25.1272, -14.0039 Background



This preview shows how black text looks on a background with the YUV color 171.9680, -25.1272, -14.0039.



This preview shows how white text looks on a background with the YUV color 171.9680, -25.1272, -14.0039.

-14.0039.

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

171.9680, -25.1272, -14.0039

Protanopia

176.4170, -29.2926, 15.4203

Deuteranopia

178.3140, -26.2838, 30.4196



Tritanopia

178.4100, 8.1789, -10.0066

Trichromacy



Original Color

171.9680, -25.1272, -14.0039

Protanomaly

174.6930, -27.9496, 4.6542

Deuteranomaly

176.0300, -25.6508, 14.0057

Tritanomaly

175.8970, -3.8932, -11.3107

Monochromacy



Original Color

171.9680, -25.1272, -14.0039

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1490, -9.4405, -5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9680, -25.1272, -14.0039 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(156, 190, 121)` looks like.

```
.text, #text, p{  
    color:rgb(156, 190, 121)  
}
```

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(156, 190, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 190, 121) }
```

Border

The CSS property to change the border of an element to YUV 171.9680, -25.1272, -14.0039 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(156, 190, 121) }
```


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

```
.border{ border-color:rgb(156, 190, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 190, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 190, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 190, 121);  
box-shadow:4px 4px 4px 4px rgb(156, 190,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 171.9680, -25.1272, -14.0039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 190, 121) }
```

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

```
.background{ background-color: rgb(156,  
190, 121) }
```

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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