

Converting Colors

YUV(173.2920, -19.8640,
-22.1811)

Have a look what the booklet for
YUV(173.2920, -19.8640, -22.1811)
contains.

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Color

**YUV(173.2920, -19.8640,
-22.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	94C285
RGB	148, 194, 133
RGB Percent	58%, 76%, 52%
CMY	0.4196, 0.2392, 0.4784
CMYK	0.24, 0.00, 0.31, 0.24
HSL	105°, 33%, 64%
HSV	105°, 31%, 76%
XYZ	35.7382, 46.5729, 29.2962
YIQ	173.2920, -7.8350, -28.7230

Conversions

Conversions Part 2

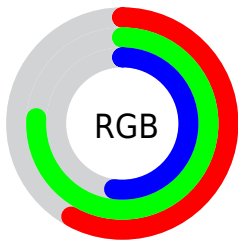
Format	Color
RYB	133, 194, 179
Decimal	9749125
CIELab	73.92, -26.68, 25.91
CIELCh	74, 37.194, 135.842
Yxy	46.5729, 0.3202, 0.4173
Android (android.graphics.Color)	4287939205 (0xFF94C285)
YUV	173.2920, -19.8640, -22.1811
Hunter-Lab	68.2444, -25.9509, 22.3188

Details

The YUV color **173.2920, -19.8640, -22.1811** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **153.7080, 19.8640, 22.1811**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3520, -20.8795, -23.1107**, and **120.3460, -18.4116, -21.3514** is the 20% darker color. If you saturate the color by 10%, you get **166.6410, -25.9520, -29.5032**, and if you desaturate by 10%, it is **179.9430, -13.7759, -14.8590**.

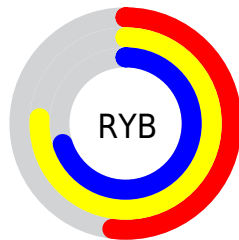
Distribution



Red (58%)

Green (76%)

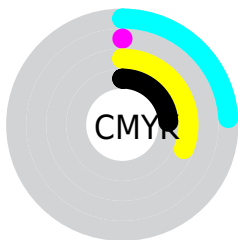
Blue (52%)



Red (52%)

Yellow (76%)

Blue (70%)

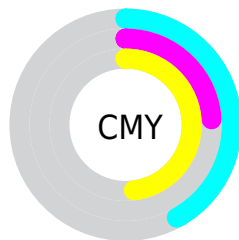


Cyan (24%)

Magenta (0%)

Yellow (31%)

Black (24%)



Cyan (42%)

Magenta (24%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2920, -19.8640, -22.1811 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 173.2920, -19.8640, -22.1811 by changing the saturation by 10% instead.

■ 173.2920,
-19.8640, -22.1811

■ 173.2920,
-19.8640, -22.1811

255.0000, 0.0000,
0.0000

■ 146.7050,
-19.5746, -21.6663

■ 229.3520,
-20.8795, -23.1107

■ 120.3460,
-18.4116, -21.3514

■ 243.1500,
-14.3710, -10.6556

■ 94.8730, -17.6854,
-20.9366

■ 253.6320, -5.2416,
1.1997

■ 70.6880, -17.1012,
-21.6514

■ 46.6170, -16.0802,
-22.4661

■ 25.2410, -12.4438,
-22.1364

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 173.2920,
-19.8640, -22.1811

■ 173.2920,
-19.8640, -22.1811

■ 166.6410,
-25.9520, -29.5032

■ 179.9430,
-13.7759, -14.8590

■ 160.1750,
-32.6243, -36.1105

■ 186.4090, -7.1036,
-8.2517

■ 153.5240,
-38.7123, -43.4325

■ 193.0600, -1.0156,
-0.9296

■ 146.7590,
-45.2372, -50.6546

■ 199.8250, 5.5093,
6.2925

■ 140.4070,
-51.4727, -57.3619

■ 206.1770, 11.7447,
12.9998

■ 133.7560,
-57.5607, -64.6840

■ 212.8280, 17.8328,
20.3218

■ 128.2300,
-63.2174, -70.3617

■ 217.6980, 18.3899,
28.3289

■ 219.1930, 17.6529,
31.4027

Harmonies

Analogous

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



177.3190, -30.7233, 7.6132



173.2920, -19.8640, -22.1811



167.2030, -1.5791, -53.6750

Triad

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



173.2920, -19.8640, -22.1811



171.6810, 37.1323, -56.7252



184.8330, -9.7777, 56.2745

Complementary

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



173.2920, -19.8640, -22.1811



153.7080, 19.8640, 22.1811

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.



186.0070, 6.4055, 45.5979



173.2920, -19.8640, -22.1811



181.6690, 32.2082, -17.2497

Square

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



173.2920, -19.8640, -22.1811



159.2010, 34.9039, -88.7533



185.7400, 21.3272, 19.5220



183.0160, -24.1649, 50.8520

Rectangle

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



173.2920, -19.8640, -22.1811



161.7410, 12.4527, -74.3179



185.7400, 21.3272, 19.5220



185.2010, -4.5361, 55.0747

Sweetspot

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



173.2920, -19.8640, -22.1811



244.4090, -7.1036, -8.2517



178.2410, -22.3038, 13.8206



123.0010, -4.9305, -5.2629



0.0000, 0.0000, 0.0000



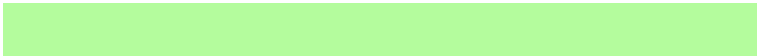
128.0000, 0.0000, 0.0000

Same Dimension

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



173.2920, -19.8640, -22.1811



219.6420, -30.8825, -34.7660



170.5170, -11.1009, -32.9024



93.7670, -3.3361, -3.3037



106.4670, -52.4882, -58.2916



21.7630, -10.7292, -12.0702

Inverse Universe

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



153.7080, 19.8640, 22.1811



189.3580, 30.8825, 34.7660



156.4830, 11.1009, 32.9024



90.5320, 3.1887, 3.9184



54.5330, 52.4882, 58.2916



11.2370, 10.7292, 12.0702

Previews

White Background



This preview shows how the YUV color 173.2920, -19.8640, -22.1811 looks on a white background.

Color Contrast Check

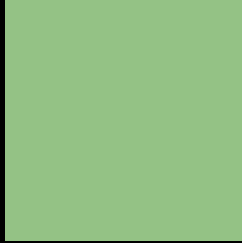
Large Text (above 18pt) WCAG AA × Fail

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 173.2920, -19.8640, -22.1811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

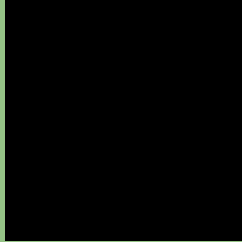
Any Text WCAG AA ✓ Pass

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 173.2920, -19.8640, -22.1811 Background



This preview shows how black text looks on a background with the YUV color 173.2920, -19.8640, -22.1811.



This preview shows how white text looks on a background with the YUV color 173.2920, -19.8640, -22.1811.

-22.1811.

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

173.2920, -19.8640, -22.1811

Protanopia

179.0300, -25.6508, 14.0057

Deuteranopia

181.4430, -21.9104, 27.6755



Tritanopia

178.9360, 10.3846, -17.4839

Trichromacy



Original Color

173.2920, -19.8640, -22.1811

Protanomaly

177.1100, -23.7182, 0.7805

Deuteranomaly

178.2620, -20.8352, 9.4172

Tritanomaly

176.7650, -0.3771, -19.0879

Monochromacy



Original Color

173.2920, -19.8640, -22.1811

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.2950, -7.5404, -8.1517

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2920, -19.8640, -22.1811 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(148, 194, 133)` looks like.

```
.text, #text, p{  
    color:rgb(148, 194, 133)  
}
```

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(148, 194, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 194, 133) }
```

Border

The CSS property to change the border of an element to YUV 173.2920, -19.8640, -22.1811 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(148, 194, 133) }
```


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

```
.border{ border-color:rgb(148, 194, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 194, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 194, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 194, 133);  
box-shadow:4px 4px 4px 4px rgb(148, 194,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 173.2920, -19.8640, -22.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 194, 133) }
```

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

```
.background{ background-color: rgb(148,  
194, 133) }
```

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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