

Converting Colors

YUV(174.5170, -27.8629,
-23.2554)

Have a look what the booklet for
YUV(174.5170, -27.8629, -23.2554)
contains.

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Color

**YUV(174.5170, -27.8629,
-23.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	94C776
RGB	148, 199, 118
RGB Percent	58%, 78%, 46%
CMY	0.4196, 0.2196, 0.5373
CMYK	0.26, 0.00, 0.41, 0.22
HSL	98°, 42%, 62%
HSV	98°, 41%, 78%
XYZ	35.9062, 48.4508, 24.5990
YIQ	174.5170, -4.3950, -36.0030

Conversions

Conversions Part 2

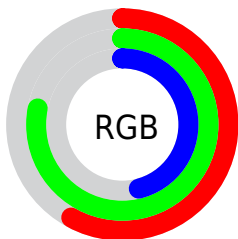
Format	Color
RYB	118, 199, 169
Decimal	9750390
CIELab	75.11, -31.26, 35.27
CIElCh	75, 47.131, 131.547
Yxy	48.4508, 0.3295, 0.4447
Android (android.graphics.Color)	4287940470 (0xFF94C776)
YUV	174.5170, -27.8629, -23.2554
Hunter-Lab	69.6066, -29.7332, 27.7715

Details

The YUV color **174.5170, -27.8629, -23.2554** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **142.4830, 27.8629, 23.2554**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1750, -29.1733, -22.9555**, and **121.2720, -26.2631, -23.0405** is the 20% darker color. If you saturate the color by 10%, you get **168.3500, -34.6825, -29.2479**, and if you desaturate by 10%, it is **180.6840, -21.0432, -17.2629**.

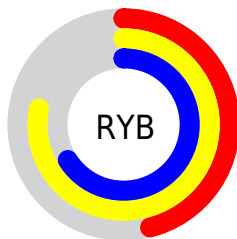
Distribution



Red (58%)

Green (78%)

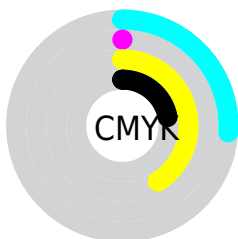
Blue (46%)



Red (46%)

Yellow (78%)

Blue (66%)

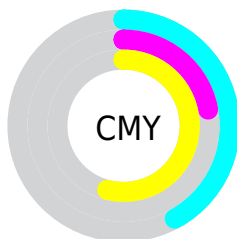


Cyan (26%)

Magenta (0%)

Yellow (41%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5170, -27.8629, -23.2554 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 174.5170, -27.8629, -23.2554 by changing the saturation by 10% instead.

■ 174.5170,
-27.8629, -23.2554

■ 174.5170,
-27.8629, -23.2554

255.0000, 0.0000,
0.0000

■ 147.7450,
-26.9893, -23.4554

■ 230.1750,
-29.1733, -22.9555

■ 121.2720,
-26.2631, -23.0405

■ 241.7390,
-21.0703, -8.5411

■ 95.5000, -25.3895,
-23.2405

■ 251.8080,
-12.2303, 2.7994

■ 70.5000, -25.3895,
-23.2405

■ 45.8740, -22.6159,
-26.1995

■ 27.5890, -13.6014,
-24.1956

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 174.5170,
-27.8629, -23.2554

■ 174.5170,
-27.8629, -23.2554

■ 168.3500,
-34.6825, -29.2479

■ 180.6840,
-21.0432, -17.2629

■ 162.4820,
-41.6496, -34.6257

■ 186.5520,
-14.0761, -11.8851

■ 156.3150,
-48.4693, -40.6183


■ 192.7190, -7.2565,
-5.8926


■ 150.4470,
-55.4364, -45.9960


■ 198.5870, -0.2894,
-0.5148


■ 144.3940,
-61.8192, -52.0885


■ 204.7540, 6.5303,
5.4777

 138.9390,
-68.4969, -56.9515

 210.5080, 13.0606,
10.9555

 216.4470, 19.0066,
17.1480

 220.0350, 17.2377,
24.5253

 222.1280, 16.2059,
28.8287

Harmonies

Analogous

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



180.1320, -40.4911, 13.9162



174.5170, -27.8629, -23.2554



165.0180, -4.4459, -67.5448

Triad

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



174.5170, -27.8629, -23.2554



158.1640, 47.7401, -99.2448



183.6750, -6.7418, 62.5520

Complementary

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



174.5170, -27.8629, -23.2554



142.4830, 27.8629, 23.2554

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.



190.0280, 11.3252, 54.3494



174.5170, -27.8629, -23.2554



180.7320, 36.6141, -30.4600

Square

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



174.5170, -27.8629, -23.2554



147.8090, 45.9432, -129.6285



189.6180, 29.7683, 18.7520



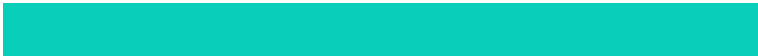
183.6970, -26.9656, 62.5327

Rectangle

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



174.5170, -27.8629, -23.2554



145.4040, 20.0138, -119.6263



189.6180, 29.7683, 18.7520



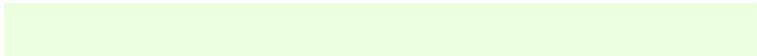
185.2710, -0.6266, 61.1523

Sweetspot

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



174.5170, -27.8629, -23.2554



245.7850, -10.7400, -8.5814



171.5690, -26.4095, 24.0570



122.3600, -6.0935, -5.5777



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.



174.5170, -27.8629, -23.2554



217.1290, -42.9546, -36.0701



166.5730, -19.5095, -42.5985



96.1800, -3.0467, -2.7889



113.6210, -56.0152, -47.0256



25.0190, -12.3344, -10.5407

Inverse Universe

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



142.4830, 27.8629, 23.2554



167.8710, 42.9546, 36.0701



150.4270, 19.5095, 42.5985



92.8200, 3.0467, 2.7889



49.3790, 56.0152, 47.0256



10.6820, 12.4818, 9.9259

Previews

White Background



This preview shows how the YUV color 174.5170, -27.8629, -23.2554 looks on a white background.

Color Contrast Check

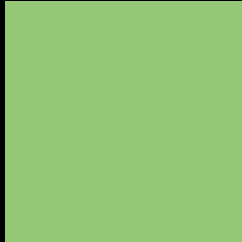
Large Text (above 18pt) WCAG AA × Fail

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 174.5170, -27.8629, -23.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

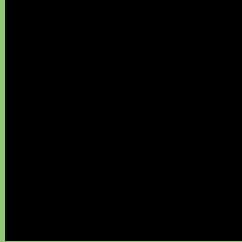
Any Text WCAG AA ✓ Pass

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 174.5170, -27.8629, -23.2554 Background



This preview shows how black text looks on a background with the YUV color 174.5170, -27.8629, -23.2554.



This preview shows how white text looks on a background with the YUV color 174.5170, -27.8629, -23.2554.

-23.2554.

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

174.5170, -27.8629, -23.2554

Protanopia

180.8750, -33.9554, 17.6496

Deuteranopia

183.4130, -29.7836, 32.9638



Tritanopia

182.3380, 10.6794, -18.7134

Trichromacy



Original Color

174.5170, -27.8629, -23.2554

Protanomaly

178.3570, -31.7280, 3.1949

Deuteranomaly

179.8080, -28.9923, 12.4464

Tritanomaly

179.6570, -3.2819, -20.7472

Monochromacy



Original Color

174.5170, -27.8629, -23.2554

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8990, -10.3032, -8.6814

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5170, -27.8629, -23.2554 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, 199, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 199, 118)  
}
```

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, 199, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 199, 118) }
```

Border

The CSS property to change the border of an element to YUV 174.5170, -27.8629, -23.2554 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, 199, 118) }
```


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

```
.border{ border-color:rgb(148, 199, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 199, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 199, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 199, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 199,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 174.5170, -27.8629, -23.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 199, 118) }
```

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

```
.background{ background-color: rgb(148,  
199, 118) }
```

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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