

Converting Colors

YUV(167.8980, -49.2497,
-23.5895)

Have a look what the booklet for
YUV(167.8980, -49.2497, -23.5895)
contains.

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Color

**YUV(167.8980, -49.2497,
-23.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC944
RGB	141, 201, 68
RGB Percent	55%, 79%, 27%
CMY	0.4471, 0.2118, 0.7333
CMYK	0.30, 0.00, 0.66, 0.21
HSL	87°, 55%, 53%
HSV	87°, 66%, 79%
XYZ	32.9145, 47.8534, 12.9707
YIQ	167.8980, 6.9330, -54.0830

Conversions

Conversions Part 2

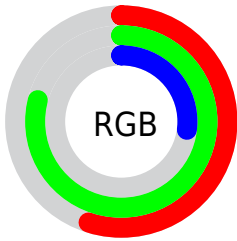
Format	Color
RYB	68, 201, 128
Decimal	9292100
CIELab	74.73, -39.97, 58.03
CIELCh	75, 70.461, 124.560
Yxy	47.8534, 0.3511, 0.5105
Android (android.graphics.Color)	4287482180 (0xFF8DC944)
YUV	167.8980, -49.2497, -23.5895
Hunter-Lab	69.1761, -36.1265, 37.3063

Details

The YUV color **167.8980, -49.2497, -23.5895** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **101.1020, 49.2497, 23.5895**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7950, -49.6919, -21.7452**, and **111.7040, -55.0701, -23.4194** is the 20% darker color. If you saturate the color by 10%, you get **162.9270, -56.6590, -27.1230**, and if you desaturate by 10%, it is **172.8690, -41.8404, -20.0561**.

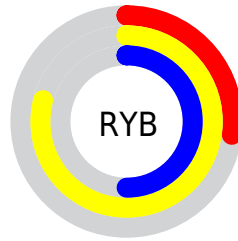
Distribution



Red (55%)

Green (79%)

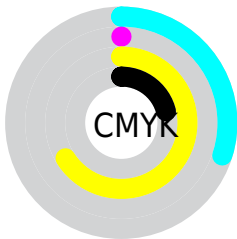
Blue (27%)



Red (27%)

Yellow (79%)

Blue (50%)

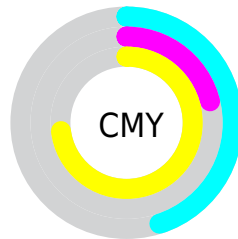


Cyan (30%)

Magenta (0%)

Yellow (66%)

Black (21%)



Cyan (45%)

Magenta (21%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.8980, -49.2497, -23.5895 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 167.8980, -49.2497, -23.5895 by changing the saturation by 10% instead.

■ 167.8980,
-49.2497, -23.5895

■ 167.8980,
-49.2497, -23.5895

255.0000, 0.0000,
0.0000

■ 139.7840,
-49.6865, -23.4896

■ 222.7950,
-49.6919, -21.7452

■ 111.7040,
-55.0701, -23.4194

■ 234.6580,
-41.7364, -6.7161

■ 87.4830, -43.1291,
-26.7336

■ 246.2220,
-33.6334, 7.6983

■ 64.1370, -31.6195,
-31.6921

■ 249.4140,
-21.4031, 4.8989

■ 41.6770, -20.5468,
-36.5507

■ 252.7200, -8.7360,
1.9996

■ 28.1760, -13.8908,
-24.7104

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 167.8980,
-49.2497, -23.5895

■ 167.8980,
-49.2497, -23.5895

■ 162.9270,
-56.6590, -27.1230

■ 172.8690,
-41.8404, -20.0561

■ 157.9560,
-64.0683, -30.6564

■ 177.8400,
-34.4311, -16.5227

■ 152.9850,
-71.4776, -34.1898

■ 182.8110,
-27.0218, -12.9892

■ 150.8770,
-74.3824, -35.8491

■ 187.7820,
-19.6125, -9.4558

■ 192.8670,
-11.7664, -6.0224

■ 197.8380, -4.3571,
-2.4889

■ 202.8090, 3.0522,
1.0445

■ 208.0790, 10.3141,
5.1927

■ 213.0500, 17.7234,
8.7262

Harmonies

Analogous

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



174.4180, -67.7471, 29.4514



167.8980, -49.2497, -23.5895



138.1070, -6.4618, -121.1198

Triad

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



167.8980, -49.2497, -23.5895



149.4050, 52.0583, -131.0282



168.0370, 4.4188, 76.2666

Complementary

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



167.8980, -49.2497, -23.5895



101.1020, 49.2497, 23.5895

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.



182.9640, 28.6117, 63.1756



167.8980, -49.2497, -23.5895



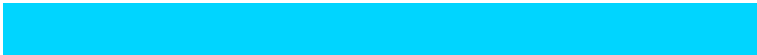
148.0970, 52.7032, -104.4481

Square

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



167.8980, -49.2497, -23.5895



154.1010, 49.7432, -135.1466



183.6650, 35.1682, 13.4488



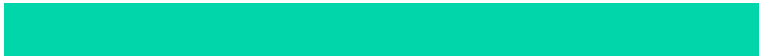
167.8990, -26.5722, 76.3876

Rectangle

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



167.8980, -49.2497, -23.5895



144.9980, 12.3260, -127.1632



183.6650, 35.1682, 13.4488



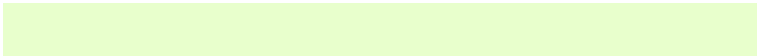
171.1320, 13.7389, 73.5522

Sweetspot

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



167.8980, -49.2497, -23.5895



242.3090, -18.8863, -9.0410



142.9870, -36.9686, 50.8774



120.2800, -11.4770, -5.5076



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.



167.8980, -49.2497, -23.5895



204.8770, -74.3824, -35.8491



148.1640, -39.5209, -64.1648



96.7780, -3.3416, -1.5593



122.5910, -60.4374, -28.5823



27.1120, -13.3662, -6.2372

Inverse Universe

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



101.1020, 49.2497, 23.5895



103.8240, 74.5298, 35.2344



120.8360, 39.5209, 64.1648



92.2220, 3.3416, 1.5593



40.7080, 60.2900, 29.1971



8.8880, 13.3662, 6.2372

Previews

White Background



This preview shows how the YUV color 167.8980, -49.2497, -23.5895 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 167.8980, -49.2497, -23.5895 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 167.8980, -49.2497, -23.5895 Background



This preview shows how black text looks on a background with the YUV color 167.8980, -49.2497, -23.5895.



This preview shows how white text looks on a background with the YUV color 167.8980, -49.2497, -23.5895.

-23.5895.

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

167.8980, -49.2497, -23.5895

Protanopia

175.8980, -55.6587, 25.5225

Deuteranopia

178.7890, -50.1820, 42.2810



Tritanopia

181.0390, 10.8268, -19.3282

Trichromacy



Original Color

167.8980, -49.2497, -23.5895

Protanomaly

173.3580, -53.4205, 7.5790

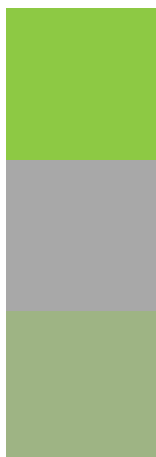
Deuteranomaly

175.0480, -49.8167, 18.3749

Tritanomaly

176.2950, -10.9914, -21.3067

Monochromacy



Original Color

167.8980, -49.2497, -23.5895

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9500, -17.7233, -8.7261

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8980, -49.2497, -23.5895 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(141, 201, 68)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 68)  
}
```

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(141, 201, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 68) }
```

Border

The CSS property to change the border of an element to YUV 167.8980, -49.2497, -23.5895 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(141, 201, 68) }
```


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

```
.border{ border-color:rgb(141, 201, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 201, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 68);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 167.8980, -49.2497, -23.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 68) }
```

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

```
.background{ background-color: rgb(141,  
201, 68) }
```

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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