

Converting Colors

YUV(179.7500, -44.7398,
-23.4597)

Have a look what the booklet for
YUV(179.7500, -44.7398, -23.4597)
contains.

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Color

**YUV(179.7500, -44.7398,
-23.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	99D359
RGB	153, 211, 89
RGB Percent	60%, 83%, 35%
CMY	0.4000, 0.1725, 0.6510
CMYK	0.27, 0.00, 0.58, 0.17
HSL	89°, 58%, 59%
HSV	89°, 58%, 83%
XYZ	38.2343, 54.0821, 17.8749
YIQ	179.7500, 4.5940, -50.2380

Conversions

Conversions Part 2

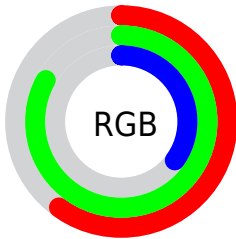
Format	Color
RYB	89, 211, 147
Decimal	10081113
CIELab	78.51, -38.27, 53.44
CIELCh	79, 65.728, 125.610
Yxy	54.0821, 0.3470, 0.4908
Android (android.graphics.Color)	4288271193 (0xFF99D359)
YUV	179.7500, -44.7398, -23.4597
Hunter-Lab	73.5405, -35.8924, 37.0672

Details

The YUV color $179.7500, -44.7398, -23.4597$ is a light color, and the websafe version is hex $99CC66$. The color can be described as light muted chartreuse. A complement of this color would be $120.2500, 44.7398, 23.4597$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.7770, -42.2881, -16.4674$, and $124.7500, -44.7398, -23.4597$ is the 20% darker color. If you saturate the color by 10%, you get $174.3660, -52.4384, -27.5080$, and if you desaturate by 10%, it is $185.1340, -37.0411, -19.4115$.

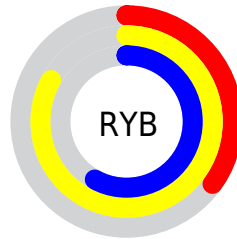
Distribution



Red (60%)

Green (83%)

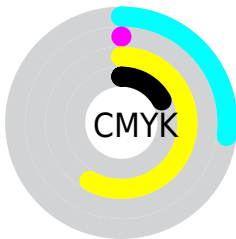
Blue (35%)



Red (35%)

Yellow (83%)

Blue (58%)

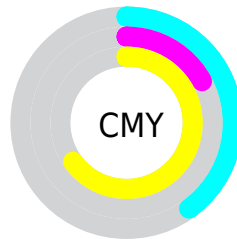


Cyan (27%)

Magenta (0%)

Yellow (58%)

Black (17%)



Cyan (40%)

Magenta (17%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.7500, -44.7398, -23.4597 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 179.7500, -44.7398, -23.4597 by changing the saturation by 10% instead.

■ 179.7500,
-44.7398, -23.4597

■ 179.7500,
-44.7398, -23.4597

255.0000, 0.0000,
0.0000

■ 151.8640,
-44.3030, -23.5597

■ 228.7770,
-42.2881, -16.4674

■ 124.7500,
-44.7398, -23.4597

■ 240.5260,
-34.7693, -1.3383

■ 97.5390, -48.0867,
-23.2747

■ 248.5020,
-24.8975, 5.6987

■ 73.6060, -36.2878,
-27.7185

■ 251.8080,
-12.2303, 2.7994

■ 49.3520, -24.3305,
-36.2657

■ 32.8720, -16.2059,
-28.8287

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 179.7500,
-44.7398, -23.4597

■ 179.7500,
-44.7398, -23.4597

■ 174.3660,
-52.4384, -27.5080

■ 185.1340,
-37.0411, -19.4115

■ 168.9820,
-60.1371, -31.5562

■ 190.5180,
-29.3424, -15.3633

■ 163.5980,
-67.8358, -35.6044

■ 195.9020,
-21.6437, -11.3151

■ 158.2140,
-75.5345, -39.6527

■ 201.2860,
-13.9450, -7.2668

■ 157.0460,
-77.4237, -40.3823

■ 206.7840, -5.8095,
-3.3186

■ 212.1680, 1.8892,
0.7297

■ 217.5520, 9.5879,
4.7779

■ 222.5940, 15.9762,
9.1261

■ 225.5840, 14.5021,
15.2738

Harmonies

Analogous

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



186.5300, -60.9003, 26.7222



179.7500, -44.7398, -23.4597



161.0500, -9.8847, -96.5139

Triad

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



179.7500, -44.7398, -23.4597



154.6880, 49.4538, -135.6614



178.9280, 2.9935, 66.7151

Complementary

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



179.7500, -44.7398, -23.4597



120.2500, 44.7398, 23.4597

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.



191.7520, 26.7443, 55.4685



179.7500, -44.7398, -23.4597



172.2170, 40.8120, -70.3503

Square

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



179.7500, -44.7398, -23.4597



159.3840, 47.1387, -139.7798



194.0090, 30.0686, 15.7781



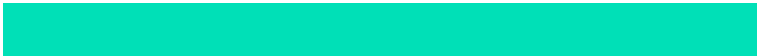
178.6590, -25.9609, 66.9511

Rectangle

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



179.7500, -44.7398, -23.4597



152.3500, 15.1105, -133.6110



194.0090, 30.0686, 15.7781



181.9090, 11.8769, 64.1008

Sweetspot

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



179.7500, -44.7398, -23.4597



243.8190, -15.6868, -8.6113



158.9370, -34.4789, 45.6593



121.1490, -9.4405, -5.3927



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.



179.7500, -44.7398, -23.4597



209.8200, -64.4943, -34.0451



161.8100, -35.8953, -60.3464



102.2510, -4.0677, -1.9741



124.9280, -61.5895, -32.3859



30.3460, -14.9606, -8.1964

Inverse Universe

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



120.2500, 44.7398, 23.4597



124.1800, 64.4943, 34.0451



138.1900, 35.8953, 60.3464



96.7490, 4.0677, 1.9741



43.0720, 61.5895, 32.3859



10.3550, 15.1080, 7.5817

Previews

White Background



This preview shows how the YUV color 179.7500, -44.7398, -23.4597 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 179.7500, -44.7398, -23.4597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

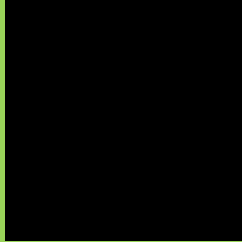
Any Text WCAG AA ✓ Pass

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 179.7500, -44.7398, -23.4597 Background



This preview shows how black text looks on a background with the YUV color 179.7500, -44.7398, -23.4597.



This preview shows how white text looks on a background with the YUV color 179.7500, -44.7398, -23.4597.

-23.4597.

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

179.7500, -44.7398, -23.4597

Protanopia

187.7390, -51.1433, 23.9079

Deuteranopia

190.1140, -46.3982, 41.9960



Tritanopia

191.4520, 11.1162, -18.8134

Trichromacy



Original Color

179.7500, -44.7398, -23.4597

Protanomaly

184.6120, -48.6157, 6.4793

Deuteranomaly

186.3730, -46.0329, 18.0899

Tritanomaly

187.4630, -9.1023, -20.5771

Monochromacy



Original Color

179.7500, -44.7398, -23.4597

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.7050, -16.1236, -8.5113

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7500, -44.7398, -23.4597 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(153, 211, 89)` looks like.

```
.text, #text, p{  
    color:rgb(153, 211, 89)  
}
```

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(153, 211, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 211, 89) }
```

Border

The CSS property to change the border of an element to YUV 179.7500, -44.7398, -23.4597 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(153, 211, 89) }
```


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

```
.border{ border-color:rgb(153, 211, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 211, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 211, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 211, 89);  
box-shadow:4px 4px 4px 4px rgb(153, 211,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 179.7500, -44.7398, -23.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 211, 89) }
```

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

```
.background{ background-color: rgb(153,  
211, 89) }
```

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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