

# Converting Colors

YUV(199.7430, -24.0303,  
-39.2396)

Have a look what the booklet for  
YUV(199.7430, -24.0303, -39.2396)  
contains.

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# Color

**YUV(199.7430, -24.0303,  
-39.2396)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BE897
RGB	155, 232, 151
RGB Percent	61%, 91%, 59%
CMY	0.3922, 0.0902, 0.4078
CMYK	0.33, 0.00, 0.35, 0.09
HSL	117°, 64%, 75%
HSV	117°, 35%, 91%
XYZ	47.9601, 66.9162, 39.6665
YIQ	199.7430, -19.8910, -41.5150

# Conversions

## Conversions Part 2

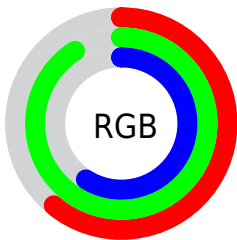
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 232, 228
Decimal	10217623
CIELab	85.46, -39.27, 32.09
CIElCh	85, 50.718, 140.745
Yxy	66.9162, 0.3103, 0.4330
Android (android.graphics.Color)	4288407703 (0xFF9BE897)
YUV	199.7430, -24.0303, -39.2396
Hunter-Lab	81.8023, -38.5008, 28.5115

# Details

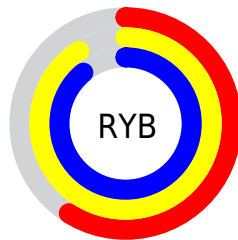
The YUV color **199.7430, -24.0303, -39.2396** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **183.2570, 24.0303, 39.2396**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5570, -15.0646, -21.5365**, and **144.4980, -22.4305, -39.0247** is the 20% darker color. If you saturate the color by 10%, you get **190.5430, -30.8337, -50.4652**, and if you desaturate by 10%, it is **208.9430, -17.2269, -28.0140**.

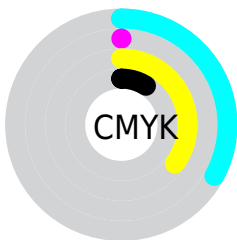
# Distribution



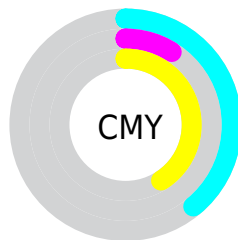
- Red (61%)
- Green (91%)
- Blue (59%)



- Red (59%)
- Yellow (91%)
- Blue (89%)



- Cyan (33%)
- Magenta (0%)
- Yellow (35%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.7430, -24.0303, -39.2396 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 199.7430, -24.0303, -39.2396 by changing the saturation by 10% instead.



■ 199.7430,  
-24.0303, -39.2396

■ 199.7430,  
-24.0303, -39.2396

255.0000, 0.0000,  
0.0000

■ 172.2700,  
-23.3041, -38.8248

■ 236.5570,  
-15.0646, -21.5365

■ 144.4980,  
-22.4305, -39.0247

■ 248.4200, -7.1091,  
-6.5073

■ 118.0250,  
-21.7043, -38.6099

■ 91.7690, -20.0991,  
-40.1394

■ 63.3060, -17.8989,  
-45.8724

■ 43.0790, -20.2519,  
-37.7803

■ 28.7630, -14.1802,

-25.2252

■ 16.4360, -8.1029,  
-14.4144

■ 0.0000, 0.0000,  
0.0000

■ 199.7430,  
-24.0303, -39.2396

■ 199.7430,  
-24.0303, -39.2396

■ 190.5430,  
-30.8337, -50.4652

■ 208.9430,  
-17.2269, -28.0140

■ 181.3430,  
-37.6371, -61.6908

■ 218.1430,  
-10.4235, -16.7884

■ 172.0290,  
-44.8773, -72.8164

■ 227.4570, -3.1833,  
-5.6628

■ 162.8290,  
-51.6807, -84.0420

■ 236.6570, 3.6201,  
5.5628

■ 153.6290,  
-58.4841, -95.2676

■ 241.4990, 6.6560,  
11.8404

■ 144.4290,  
-65.2875, -106.4932

■ 139.4730,  
-68.7602, -112.6708

# Harmonies

## Analogous

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



206.7240, -41.7689, 3.7501



199.7430, -24.0303, -39.2396



187.2800, 4.7920, -90.5766

# Triad

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



199.7430, -24.0303, -39.2396



191.9640, 31.0767, -74.5134



200.8920, -9.3138, 47.4527

# Complementary

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



199.7430, -24.0303, -39.2396



183.2570, 24.0303, 39.2396

# 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.



205.8910, 12.3787, 43.0686



199.7430, -24.0303, -39.2396



209.1830, 22.5878, -11.5615

# Square

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



199.7430, -24.0303, -39.2396



166.4280, 43.6660, -145.9574



216.2580, 19.0998, 33.9767



203.2620, -30.6952, 45.3742



# Rectangle

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



199.7430, -24.0303, -39.2396



166.5130, 31.2991, -146.0319



216.2580, 19.0998, 33.9767



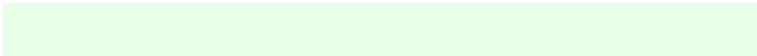
201.5420, -1.7462, 46.8827

# Sweetspot

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



199.7430, -24.0303, -39.2396



244.9740, -7.3822, -12.2552



220.4180, -34.2231, 10.1574



121.6910, -4.7777, -7.6220



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.



199.7430, -24.0303, -39.2396



212.3040, -31.7019, -52.0096



202.6510, -7.7159, -45.2979



110.3430, -3.6201, -5.5628



107.7640, -53.1277, -86.6160



30.8340, -15.2012, -24.4104



# Inverse Universe

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



183.2570, 24.0303, 39.2396



190.6960, 31.7019, 52.0096



180.3490, 7.7159, 45.2979



107.6570, 3.6201, 5.5628



71.2360, 53.1277, 86.6160



20.1660, 15.2012, 24.4104



# Previews

## White Background



This preview shows how the YUV color 199.7430, -24.0303, -39.2396 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 199.7430, -24.0303, -39.2396 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

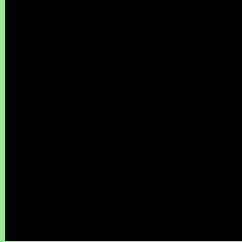
Any Text WCAG AA ✓ Pass

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 199.7430, -24.0303, -39.2396 Background



This preview shows how black text looks on a background with the YUV color 199.7430, -24.0303, -39.2396.



This preview shows how white text looks on a background with the YUV color 199.7430, -24.0303, -39.2396.

-39.2396.

# 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

199.7430, -24.0303, -39.2396

### Protanopia

210.1030, -33.0818, 17.4497

### Deuteranopia

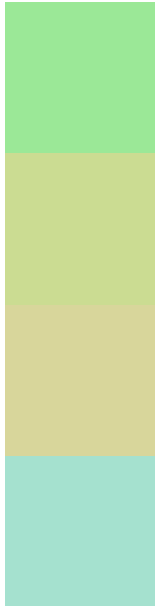
212.6950, -27.4576, 33.5935



## Tritanopia

208.1020, 15.2327, -32.5385

# Trichromacy



**Original Color**

199.7430, -24.0303, -39.2396

**Protanomaly**

206.4810, -29.8171, -3.0528

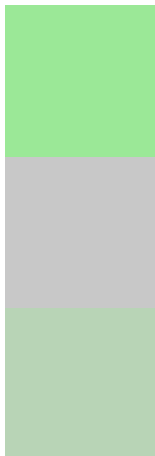
**Deuteranomaly**

207.8720, -26.0659, 7.1283

**Tritanomaly**

205.0080, 0.9821, -35.0870

# Monochromacy



**Original Color**

199.7430, -24.0303, -39.2396

**Achromatopsia**

200.0000, 0.0000, 0.0000

**Achromatomaly**

200.2080, -8.9765, -14.2144

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.7430, -24.0303, -39.2396 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(155, 232, 151)` looks like.

```
.text, #text, p{  
    color:rgb(155, 232, 151)  
}
```

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(155, 232, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 232, 151) }
```

## Border

The CSS property to change the border of an element to YUV 199.7430, -24.0303, -39.2396 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(155, 232, 151) }
```



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

```
.border{ border-color:rgb(155, 232, 151) }
```

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

Here you see how a box with a 4 pixel rgb(155, 232, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 232, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 232, 151);  
box-shadow:4px 4px 4px 4px rgb(155, 232,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 199.7430, -24.0303, -39.2396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 232, 151) }
```

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

```
.background{ background-color: rgb(155,  
232, 151) }
```

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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