

Converting Colors

YUV(192.8960, -39.3887,
-13.0638)

Have a look what the booklet for
YUV(192.8960, -39.3887, -13.0638)
contains.

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Color

**YUV(192.8960, -39.3887,
-13.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D871
RGB	178, 216, 113
RGB Percent	70%, 85%, 44%
CMY	0.3020, 0.1529, 0.5569
CMYK	0.18, 0.00, 0.48, 0.15
HSL	82°, 57%, 65%
HSV	82°, 48%, 85%
XYZ	45.8966, 59.7690, 24.7403
YIQ	192.8960, 10.4150, -40.0890

Conversions

Conversions Part 2

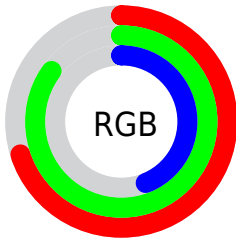
Format	Color
RYB	113, 216, 151
Decimal	11720817
CIELab	81.71, -28.91, 46.43
CIELCh	82, 54.690, 121.906
Yxy	59.7690, 0.3520, 0.4583
Android (android.graphics.Color)	4289910897 (0xFFB2D871)
YUV	192.8960, -39.3887, -13.0638
Hunter-Lab	77.3104, -29.3237, 35.1437

Details

The YUV color **192.8960, -39.3887, -13.0638** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **136.1040, 39.3887, 13.0638**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9880, -35.4901, -3.4975**, and **138.2380, -38.0783, -13.3637** is the 20% darker color. If you saturate the color by 10%, you get **187.9960, -47.8190, -15.7825**, and if you desaturate by 10%, it is **197.7960, -30.9584, -10.3451**.

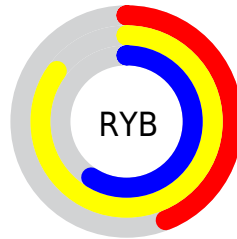
Distribution



Red (70%)

Green (85%)

Blue (44%)



Red (44%)

Yellow (85%)

Blue (59%)

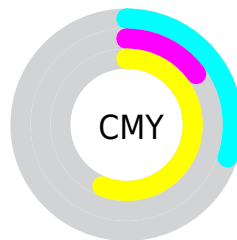


Cyan (18%)

Magenta (0%)

Yellow (48%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8960, -39.3887, -13.0638 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 192.8960, -39.3887, -13.0638 by changing the saturation by 10% instead.

■ 192.8960,
-39.3887, -13.0638

■ 192.8960,
-39.3887, -13.0638

255.0000, 0.0000,
0.0000

■ 165.1240,
-38.5151, -13.2637

■ 238.9880,
-35.4901, -3.4975

■ 138.2380,
-38.0783, -13.3637

■ 248.1600,
-26.2079, 5.9987

■ 112.2380,
-38.0783, -13.3637

■ 251.3520,
-13.9775, 3.1993

■ 85.5540, -40.6991,
-12.7639

254.6580, -1.3104,
0.2999

■ 63.3500, -31.2315,
-16.0929

■ 41.1890, -20.3062,
-20.3368

■ 22.8930, -11.2862,

-20.0772

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 192.8960,
-39.3887, -13.0638

■ 192.8960,
-39.3887, -13.0638

■ 187.9960,
-47.8190, -15.7825

■ 197.7960,
-30.9584, -10.3451

■ 183.2100,
-55.8125, -18.6012

■ 202.5820,
-22.9649, -7.5264

■ 178.3100,
-64.2428, -21.3199

■ 207.4820,
-14.5346, -4.8077

■ 173.5240,
-72.2363, -24.1385

■ 212.2680, -6.5411,
-1.9890

■ 168.6240,
-80.6666, -26.8572

■ 217.1680, 1.8892,
0.7297

■ 167.4560,
-82.5558, -27.5869

■ 222.0680, 10.3195,
3.4484

■ 225.8280, 14.3818,
7.1668

■ 228.2200, 13.2025,
12.0851

■ 230.6120, 12.0233,
17.0033

Harmonies

Analogous

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



198.2280, -49.4124, 28.7410



192.8960, -39.3887, -13.0638



183.0050, -14.7925, -62.2714

Triad

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



192.8960, -39.3887, -13.0638



158.7970, 47.4281, -139.2650



193.1930, 4.3419, 54.2047

Complementary

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



192.8960, -39.3887, -13.0638



136.1040, 39.3887, 13.0638

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.



204.7630, 23.2878, 44.0578



192.8960, -39.3887, -13.0638



186.7580, 33.6433, -57.6698

Square

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



192.8960, -39.3887, -13.0638



162.9060, 45.4023, -142.8686



202.5150, 25.8751, 7.4413



191.0150, -19.2344, 56.1148

Rectangle

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



192.8960, -39.3887, -13.0638



166.5050, 10.1040, -114.4529



202.5150, 25.8751, 7.4413



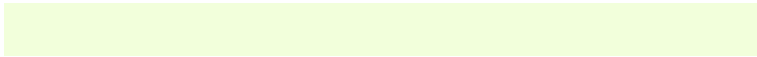
196.3050, 11.1886, 51.4755

Sweetspot

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



192.8960, -39.3887, -13.0638



247.0090, -13.8084, -4.3929



166.1030, -26.1798, 43.7597



123.1000, -8.4303, -2.7187



0.0000, 0.0000, 0.0000



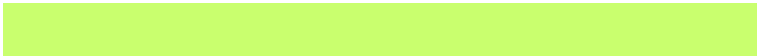
128.0000, 0.0000, 0.0000

Same Dimension

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



192.8960, -39.3887, -13.0638



222.3240, -55.3757, -18.7011



177.6470, -31.8710, -44.4174



104.5500, -4.2151, -1.3593



132.6690, -65.4058, -21.6347



33.3140, -16.4238, -5.5374

Inverse Universe

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



136.1040, 39.3887, 13.0638



142.3770, 55.5231, 18.0864



151.3530, 31.8710, 44.4174



98.4500, 4.2152, 1.3594



38.3310, 65.4058, 21.6347



9.6860, 16.4238, 5.5374

Previews

White Background



This preview shows how the YUV color 192.8960, -39.3887, -13.0638 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 192.8960, -39.3887, -13.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

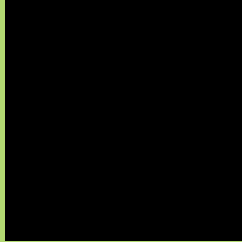
Any Text WCAG AA ✓ Pass

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 192.8960, -39.3887, -13.0638 Background



This preview shows how black text looks on a background with the YUV color 192.8960, -39.3887, -13.0638.



This preview shows how white text looks on a background with the YUV color 192.8960, -39.3887, -13.0638.

-13.0638.

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

192.8960, -39.3887, -13.0638

Protanopia

198.1500, -44.4439, 21.7935

Deuteranopia

200.4110, -40.1356, 39.9816



Tritanopia

202.2360, 8.7577, -8.9770

Trichromacy



Original Color

192.8960, -39.3887, -13.0638

Protanomaly

196.5290, -42.6588, 9.1831

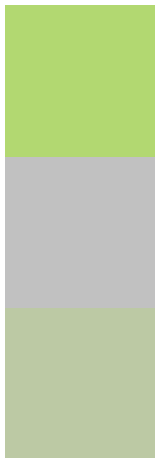
Deuteranomaly

197.4040, -39.6392, 20.6937

Tritanomaly

198.6430, -8.6980, -10.2109

Monochromacy



Original Color

192.8960, -39.3887, -13.0638

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.8950, -14.2452, -4.2929

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8960, -39.3887, -13.0638 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(178, 216, 113)` looks like.

```
.text, #text, p{  
    color:rgb(178, 216, 113)  
}
```

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(178, 216, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 216, 113) }
```

Border

The CSS property to change the border of an element to YUV 192.8960, -39.3887, -13.0638 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(178, 216, 113) }
```


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

```
.border{ border-color:rgb(178, 216, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 216, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 216, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 216, 113);  
box-shadow:4px 4px 4px 4px rgb(178, 216,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 192.8960, -39.3887, -13.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 216, 113) }
```

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

```
.background{ background-color: rgb(178,  
216, 113) }
```

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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