

Converting Colors

YUV(183.7010, -63.9426,
-24.2938)

Have a look what the booklet for
YUV(183.7010, -63.9426, -24.2938)
contains.

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Color

**YUV(183.7010, -63.9426,
-24.2938)**

Conversions

Conversions Part 1

Format	Color
Hex	9CDF36
RGB	156, 223, 54
RGB Percent	61%, 87%, 21%
CMY	0.3882, 0.1255, 0.7882
CMYK	0.30, 0.00, 0.76, 0.13
HSL	84°, 73%, 54%
HSV	84°, 76%, 87%
XYZ	40.7638, 60.1096, 12.9439
YIQ	183.7010, 14.3170, -66.7630

Conversions

Conversions Part 2

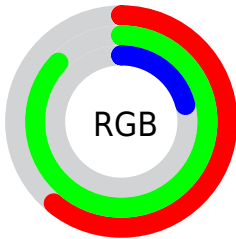
Format	Color
RYB	54, 223, 121
Decimal	10280758
CIELab	81.90, -44.91, 70.45
CIELCh	82, 83.545, 122.516
Yxy	60.1096, 0.3582, 0.5281
Android (android.graphics.Color)	4288470838 (0xFF9CDF36)
YUV	183.7010, -63.9426, -24.2938
Hunter-Lab	77.5304, -41.8267, 44.3727

Details

The YUV color **183.7010, -63.9426, -24.2938** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **93.2990, 63.9426, 24.2938**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8520, -56.1290, -10.3942**, and **127.3310, -62.7742, -25.7233** is the 20% darker color. If you saturate the color by 10%, you get **178.5020, -72.2255, -27.6273**, and if you desaturate by 10%, it is **188.9000, -55.6597, -20.9603**.

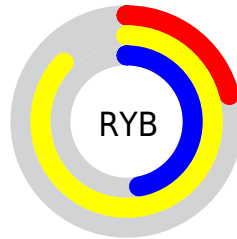
Distribution



Red (61%)

Green (87%)

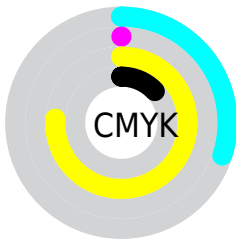
Blue (21%)



Red (21%)

Yellow (87%)

Blue (47%)

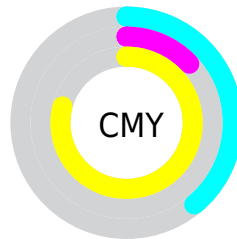


Cyan (30%)

Magenta (0%)

Yellow (76%)

Black (13%)



Cyan (39%)

Magenta (13%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.7010, -63.9426, -24.2938 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 183.7010, -63.9426, -24.2938 by changing the saturation by 10% instead.

■ 183.7010,
-63.9426, -24.2938

■ 183.7010,
-63.9426, -24.2938

255.0000, 0.0000,
0.0000

■ 153.8060,
-69.9104, -23.5089

■ 226.8520,
-56.1290, -10.3942

■ 127.3310,
-62.7742, -25.7233

■ 239.0140,
-48.3209, 5.2497

■ 103.3980,
-50.9752, -30.1670

■ 245.3100,
-37.1278, 8.4981

■ 78.8670, -38.8814,
-35.8404

■ 248.6160,
-24.4607, 5.5988

■ 52.2430, -25.7558,
-45.8171

■ 251.9220,
-11.7935, 2.6994

■ 38.1550, -18.8104,
-33.4619

■ 25.2410, -12.4438,

-22.1364

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 183.7010,
-63.9426, -24.2938

■ 183.7010,
-63.9426, -24.2938

■ 178.5020,
-72.2255, -27.6273

■ 188.9000,
-55.6597, -20.9603

■ 173.1890,
-80.9452, -30.8608

■ 194.2130,
-46.9400, -17.7268

■ 171.2660,
-84.4341, -31.8053

■ 199.4120,
-38.6571, -14.3933

■ 204.3120,
-30.2268, -11.6746

■ 209.6250,
-21.5071, -8.4411

■ 214.8240,
-13.2242, -5.1076

■ 220.0230, -4.9413,
-1.7742

■ 225.2220, 3.3416,
1.5593

■ 230.5350, 12.0612,
4.7928

Harmonies

Analogous

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



189.1380, -93.2450, 41.0980



183.7010, -63.9426, -24.2938



152.4230, -12.5335, -133.6750

Triad

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



183.7010, -63.9426, -24.2938



164.0800, 44.8236, -143.8982



171.8330, 13.8863, 72.9375

Complementary

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



183.7010, -63.9426, -24.2938



93.2990, 63.9426, 24.2938

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.



189.8430, 32.1224, 57.1427



183.7010, -63.9426, -24.2938



152.9270, 50.3220, -134.1170

Square

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



183.7010, -63.9426, -24.2938



169.3630, 42.2190, -148.5314



197.8190, 28.1902, 11.5597



171.9740, -23.6512, 72.8138

Rectangle

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



183.7010, -63.9426, -24.2938



160.9270, 9.8960, -141.1330



197.8190, 28.1902, 11.5597



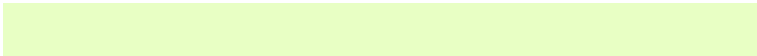
176.6720, 24.8117, 68.6937

Sweetspot

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



183.7010, -63.9426, -24.2938



241.3970, -22.3807, -8.2412



142.6860, -43.7222, 70.4354



119.4110, -13.5136, -5.6224



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.



183.7010, -63.9426, -24.2938



201.0440, -87.7757, -33.3646



159.1830, -51.8552, -74.7055



109.5500, -4.2151, -1.3593



135.0060, -66.5580, -25.4383



36.8470, -18.1656, -6.8818

Inverse Universe

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



93.2990, 63.9426, 24.2938



76.9560, 87.7757, 33.3646



117.8170, 51.8552, 74.7055



103.4500, 4.2151, 1.3593



40.9940, 66.5580, 25.4383



11.1530, 18.1656, 6.8818

Previews

White Background



This preview shows how the YUV color 183.7010, -63.9426, -24.2938 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 183.7010, -63.9426, -24.2938 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 183.7010, -63.9426, -24.2938 Background



This preview shows how black text looks on a background with the YUV color 183.7010, -63.9426, -24.2938.



This preview shows how white text looks on a background with the YUV color 183.7010, -63.9426, -24.2938.

-24.2938.

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

183.7010, -63.9426, -24.2938

Protanopia

192.9190, -70.9521, 30.7660

Deuteranopia

196.8750, -64.0284, 50.0986



Tritanopia

200.5550, 11.5584, -20.6577

Trichromacy



Original Color

183.7010, -63.9426, -24.2938

Protanomaly

189.4820, -68.2716, 10.9783

Deuteranomaly

191.9980, -64.0890, 22.8038

Tritanomaly

194.0300, -15.7908, -21.9513

Monochromacy



Original Color

183.7010, -63.9426, -24.2938

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.8700, -23.1069, -8.6560

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.7010, -63.9426, -24.2938 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(156, 223, 54)` looks like.

```
.text, #text, p{  
    color:rgb(156, 223, 54)  
}
```

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(156, 223, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 223, 54) }
```

Border

The CSS property to change the border of an element to YUV 183.7010, -63.9426, -24.2938 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(156, 223, 54) }
```


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

```
.border{ border-color:rgb(156, 223, 54) }
```

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

Here you see how a box with a 4 pixel rgb(156, 223, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 223, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 223, 54);  
box-shadow:4px 4px 4px 4px rgb(156, 223,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 183.7010, -63.9426, -24.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 223, 54) }
```

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

```
.background{ background-color: rgb(156,  
223, 54) }
```

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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