

Converting Colors

YUV(191.6420, -54.0535,
23.9930)

Have a look what the booklet for
YUV(191.6420, -54.0535, 23.9930)
contains.

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Color

**YUV(191.6420, -54.0535,
23.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC752
RGB	219, 199, 82
RGB Percent	86%, 78%, 32%
CMY	0.1412, 0.2196, 0.6784
CMYK	0.00, 0.09, 0.63, 0.14
HSL	51°, 66%, 59%
HSV	51°, 63%, 86%
XYZ	51.1598, 56.5161, 16.1949
YIQ	191.6420, 49.4770, -32.1470

Conversions

Conversions Part 2

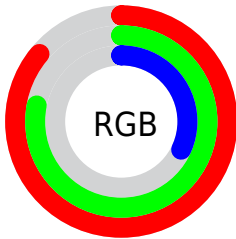
Format	Color
RYB	105, 219, 82
Decimal	14403410
CIELab	79.91, -6.67, 59.39
CIElCh	80, 59.763, 96.405
Yxy	56.5161, 0.4130, 0.4563
Android (android.graphics.Color)	4292593490 (0xFFDBC752)
YUV	191.6420, -54.0535, 23.9930
Hunter-Lab	75.1772, -10.0867, 39.8516

Details

The YUV color **191.6420, -54.0535, 23.9930** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **109.3580, 54.0535, -23.9930**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4340, -51.9790, 11.8974**, and **135.9900, -55.2111, 21.9338** is the 20% darker color. If you saturate the color by 10%, you get **187.3730, -62.7949, 27.7369**, and if you desaturate by 10%, it is **195.9110, -45.3121, 20.2491**.

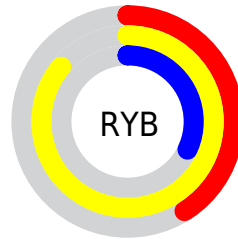
Distribution



Red (86%)

Green (78%)

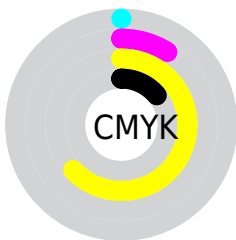
Blue (32%)



Red (41%)

Yellow (86%)

Blue (32%)

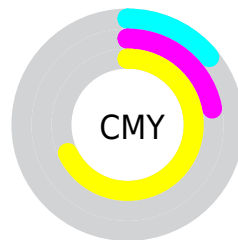


Cyan (0%)

Magenta (9%)

Yellow (63%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.6420, -54.0535, 23.9930 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 191.6420, -54.0535, 23.9930 by changing the saturation by 10% instead.

■ 191.6420,
-54.0535, 23.9930

■ 191.6420,
-54.0535, 23.9930

■ 255.0000, 0.0000,
0.0000

■ 164.0440,
-53.7587, 22.7634

■ 241.4340,
-51.9790, 11.8974

■ 135.9900,
-55.2111, 21.9338

■ 244.5120,
-40.1854, 9.1980

■ 110.2070,
-54.3321, 19.9895

■ 247.8180,
-27.5183, 6.2986

■ 87.1600, -42.9699,
15.6457

■ 251.0100,
-15.2879, 3.4992

■ 65.5860, -32.3339,
10.8871

■ 254.3160, -2.6208,
0.5999

■ 44.8980, -22.1347,
6.2285

■ 25.3950, -12.5197,

2.2846

■ 0.0000, 0.0000,
0.0000

■ 191.6420,
-54.0535, 23.9930

■ 191.6420,
-54.0535, 23.9930

■ 187.3730,
-62.7949, 27.7369

■ 195.9110,
-45.3121, 20.2491

■ 183.1040,
-71.5363, 31.4808

■ 200.1800,
-36.5707, 16.5051

■ 178.2480,
-79.9883, 35.7395

■ 205.0360,
-28.1187, 12.2464

■ 175.2500,
-86.3983, 38.3687

■ 209.3050,
-19.3774, 8.5025

■ 213.5740,
-10.6360, 4.7586

■ 217.7290, -2.3314,
1.1147

■ 221.9980, 6.4100,
-2.6292

■ 226.6260, 13.9884,
-6.6880

■ 228.3870, 13.1202,
-8.2324

Harmonies

Analogous

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



192.1480, -47.8940, 55.1212



191.6420, -54.0535, 23.9930



185.3140, -40.0878, -22.2004

Triad

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



191.6420, -54.0535, 23.9930



160.5580, 46.5599, -140.8094



196.8070, 23.2661, 51.0353

Complementary

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



191.6420, -54.0535, 23.9930



109.3580, 54.0535, -23.9930

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.



199.3250, 27.4478, 16.3780



191.6420, -54.0535, 23.9930



155.8620, 48.8750, -136.6910

Square

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



191.6420, -54.0535, 23.9930



156.4880, 25.8884, -137.2400



182.3500, 35.8165, -54.6809



185.7270, 1.1206, 60.7524

Rectangle

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



191.6420, -54.0535, 23.9930



177.6050, -21.4973, -58.4126



182.3500, 35.8165, -54.6809



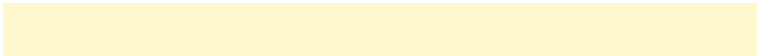
201.5830, 26.3346, 46.8467

Sweetspot

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



191.6420, -54.0535, 23.9930



245.4190, -18.9406, 8.4025



125.3570, -11.0220, 82.1249



121.6450, -11.6570, 5.5733



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.



191.6420, -54.0535, 23.9930



216.7900, -75.3255, 33.5102



189.0300, -52.7658, -15.8123



107.5720, -4.2260, 2.1294



138.6030, -68.3313, 30.1662



36.6470, -18.0670, 8.2026

Inverse Universe

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



109.3580, 54.0535, -23.9930



102.2100, 75.3255, -33.5102



111.9700, 52.7658, 15.8123



100.8410, 4.5154, -1.6146



34.3970, 68.3313, -30.1662



9.3530, 18.0670, -8.2026

Previews

White Background



This preview shows how the YUV color 191.6420, -54.0535, 23.9930 looks on a white background.

Color Contrast Check

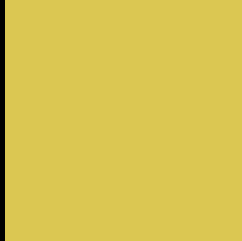
Large Text (above 18pt) WCAG AA × Fail

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 191.6420, -54.0535, 23.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

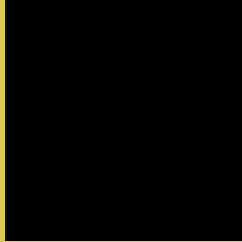
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.6420, -54.0535, 23.9930

Background



This preview shows how black text looks on a background with the YUV color 191.6420, -54.0535, 23.9930.



This preview shows how white text looks on a background with the YUV color 191.6420, -54.0535, 23.9930.

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

191.6420, -54.0535, 23.9930

Protanopia

191.6530, -54.0589, 25.7373

Deuteranopia

193.6000, -53.5398, 45.9548



Tritanopia

201.1540, -0.0759, 24.4209

Trichromacy



Original Color

191.6420, -54.0535, 23.9930

Protanomaly

191.3540, -53.9115, 25.1225

Deuteranomaly

192.8440, -53.6601, 37.8478

Tritanomaly

197.4040, -19.4262, 24.2017

Monochromacy



Original Color

191.6420, -54.0535, 23.9930

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1910, -19.8142, 8.6025

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6420, -54.0535, 23.9930 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(219, 199, 82)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 82)  
}
```

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(219, 199, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 82) }
```

Border

The CSS property to change the border of an element to YUV 191.6420, -54.0535, 23.9930 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(219, 199, 82) }
```


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

```
.border{ border-color:rgb(219, 199, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 82);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 191.6420, -54.0535, 23.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 82) }
```

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

```
.background{ background-color: rgb(219,  
199, 82) }
```

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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