

Converting Colors

YUV(163.7450, -26.9893,
-23.4554)

Have a look what the booklet for
YUV(163.7450, -26.9893, -23.4554)
contains.

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Color

**YUV(163.7450, -26.9893,
-23.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	89BC6D
RGB	137, 188, 109
RGB Percent	54%, 74%, 43%
CMY	0.4627, 0.2627, 0.5725
CMYK	0.27, 0.00, 0.42, 0.26
HSL	99°, 37%, 58%
HSV	99°, 42%, 74%
XYZ	31.0601, 42.3889, 21.0128
YIQ	163.7450, -5.0370, -35.3810

Conversions

Conversions Part 2

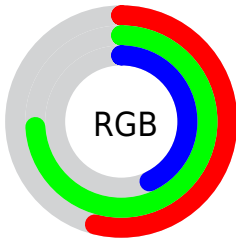
Format	Color
RYB	109, 188, 160
Decimal	9026669
CIELab	71.14, -31.20, 34.66
CIELCh	71, 46.635, 131.992
Yxy	42.3889, 0.3288, 0.4487
Android (android.graphics.Color)	4287216749 (0xFF89BC6D)
YUV	163.7450, -26.9893, -23.4554
Hunter-Lab	65.1068, -28.7810, 26.4392

Details

The YUV color **163.7450, -26.9893, -23.4554** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **133.2550, 26.9893, 23.4554**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1040, -28.1523, -23.7702**, and **110.9130, -25.1001, -22.7257** is the 20% darker color. If you saturate the color by 10%, you get **157.9910, -33.5196, -28.9331**, and if you desaturate by 10%, it is **169.4990, -20.4590, -17.9776**.

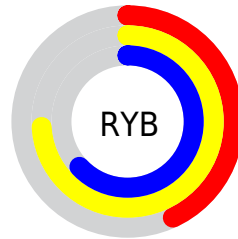
Distribution



Red (54%)

Green (74%)

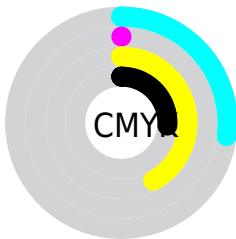
Blue (43%)



Red (43%)

Yellow (74%)

Blue (63%)

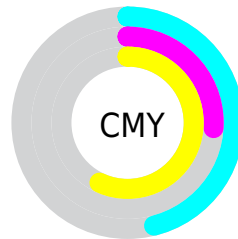


Cyan (27%)

Magenta (0%)

Yellow (42%)

Black (26%)



Cyan (46%)

Magenta (26%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7450, -26.9893, -23.4554 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 163.7450, -26.9893, -23.4554 by changing the saturation by 10% instead.

■ 163.7450,
-26.9893, -23.4554

■ 163.7450,
-26.9893, -23.4554

255.0000, 0.0000,
0.0000

■ 136.9730,
-26.1157, -23.6553

■ 219.1040,
-28.1523, -23.7702

■ 110.9130,
-25.1001, -22.7257

■ 237.0110,
-23.6694, -14.9186

■ 85.7280, -24.5159,
-23.4405

■ 248.8740,
-15.7139, 0.1105

■ 60.3150, -24.8053,
-23.9553

■ 253.9740, -3.9312,
0.8998

■ 37.0140, -18.2479,
-27.1993

■ 22.8930, -11.2862,
-20.0772

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 163.7450,
-26.9893, -23.4554

■ 163.7450,
-26.9893, -23.4554

■ 157.9910,
-33.5196, -28.9331

■ 169.4990,
-20.4590, -17.9776

■ 152.2370,
-40.0498, -34.4108

■ 175.2530,
-13.9287, -12.4999

■ 146.5970,
-46.1433, -39.9886

■ 180.8930, -7.8352,
-6.9222

■ 140.5440,
-52.5262, -46.0811

■ 186.9460, -1.4524,
-0.8296

■ 134.7900,
-59.0565, -51.5588

■ 192.7000, 5.0779,
4.6481

■ 130.3890,
-64.2818, -55.5922

■ 198.4540, 11.6082,
10.1258

■ 204.2080, 18.1385,
15.6036

■ 209.3920, 22.4847,
21.5812

■ 212.9800, 20.7159,
28.9585

Harmonies

Analogous

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



169.0610, -39.4701, 13.1015



163.7450, -26.9893, -23.4554



153.5450, -3.7197, -67.1300

Triad

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



163.7450, -26.9893, -23.4554



145.3140, 53.5822, -106.3924



176.5510, -8.6526, 68.7998

Complementary

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



163.7450, -26.9893, -23.4554



133.2550, 26.9893, 23.4554

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.



178.6150, 11.0358, 53.8346



163.7450, -26.9893, -23.4554



171.2850, 41.2715, -30.9449

Square

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



163.7450, -26.9893, -23.4554



140.0980, 44.3217, -122.8659



179.0910, 29.0421, 18.3372



174.5940, -27.4078, 64.3771

Rectangle

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



163.7450, -26.9893, -23.4554



135.1160, 20.1558, -118.4967



179.0910, 29.0421, 18.3372



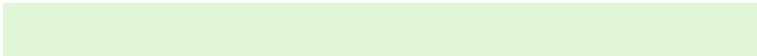
176.9620, -1.9533, 66.6853

Sweetspot

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



163.7450, -26.9893, -23.4554



235.0730, -10.8820, -9.7110



161.9710, -26.1147, 22.8274



116.2460, -6.5303, -5.4777



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



163.7450, -26.9893, -23.4554



207.3570, -42.0810, -36.2701



156.6270, -18.0571, -41.7689



91.1800, -3.0467, -2.7889



109.4900, -53.9786, -46.9107



21.4860, -10.5926, -9.1962

Inverse Universe

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



133.2550, 26.9893, 23.4554



159.6430, 42.0810, 36.2701



140.3730, 18.0571, 41.7689



87.8200, 3.0467, 2.7889



48.5100, 53.9786, 46.9107



9.5140, 10.5926, 9.1962

Previews

White Background



This preview shows how the YUV color 163.7450, -26.9893, -23.4554 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 163.7450, -26.9893, -23.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

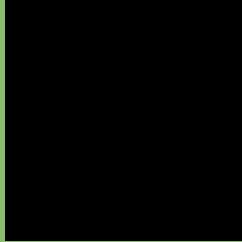
Any Text WCAG AA ✓ Pass

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 163.7450, -26.9893, -23.4554 Background



This preview shows how black text looks on a background with the YUV color 163.7450, -26.9893, -23.4554.



This preview shows how white text looks on a background with the YUV color 163.7450, -26.9893, -23.4554.

-23.4554.

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

163.7450, -26.9893, -23.4554

Protanopia

170.8040, -32.9344, 16.8349

Deuteranopia

172.6300, -28.9046, 31.0195



Tritanopia

171.2240, 10.2426, -18.6134

Trichromacy



Original Color

163.7450, -26.9893, -23.4554

Protanomaly

168.2860, -30.7070, 2.3802

Deuteranomaly

169.3240, -28.2607, 11.1169

Tritanomaly

168.6570, -3.2819, -20.7472

Monochromacy



Original Color

163.7450, -26.9893, -23.4554

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0130, -9.8664, -8.7814

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7450, -26.9893, -23.4554 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(137, 188, 109)` looks like.

```
.text, #text, p{  
    color:rgb(137, 188, 109)  
}
```

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(137, 188, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 188, 109) }
```

Border

The CSS property to change the border of an element to YUV 163.7450, -26.9893, -23.4554 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(137, 188, 109) }
```


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

```
.border{ border-color:rgb(137, 188, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 188, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 188, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 188, 109);  
box-shadow:4px 4px 4px 4px rgb(137, 188,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 163.7450, -26.9893, -23.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 188, 109) }
```

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

```
.background{ background-color: rgb(137,  
188, 109) }
```

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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