

Converting Colors

YUV(132.7800, -23.5555,
-51.5501)

Have a look what the booklet for
YUV(132.7800, -23.5555, -51.5501)
contains.

YUV(132.7800, -23.5555, -51.5501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(132.7800, -23.5555,
-51.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	4AAC55
RGB	74, 172, 85
RGB Percent	29%, 67%, 33%
CMY	0.7098, 0.3255, 0.6667
CMYK	0.57, 0.00, 0.51, 0.33
HSL	127°, 40%, 48%
HSV	127°, 57%, 67%
XYZ	19.2163, 31.6168, 13.6842
YIQ	132.7800, -30.4810, -47.8330

Conversions

Conversions Part 2

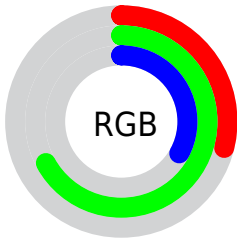
Format	Color
RYB	74, 162, 172
Decimal	4893781
CIELab	63.02, -47.17, 36.07
CIELCh	63, 59.377, 142.594
Yxy	31.6168, 0.2978, 0.4901
Android (android.graphics.Color)	4283083861 (0xFF4AAC55)
YUV	132.7800, -23.5555, -51.5501
Hunter-Lab	56.2288, -37.3978, 24.9310

Details

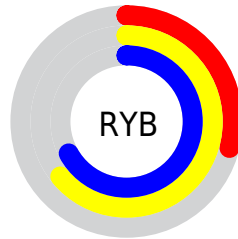
The YUV color **132.7800, -23.5555, -51.5501** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **113.2200, 23.5555, 51.5501**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5090, -25.8869, -50.4354**, and **73.9570, -18.7128, -64.8603** is the 20% darker color. If you saturate the color by 10%, you get **125.9870, -27.6016, -60.5016**, and if you desaturate by 10%, it is **139.5730, -19.5095, -42.5985**.

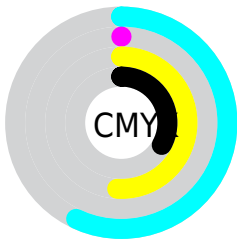
Distribution



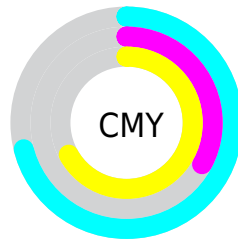
- Red (29%)
- Green (67%)
- Blue (33%)



- Red (29%)
- Yellow (64%)
- Blue (67%)



- Cyan (57%)
- Magenta (0%)
- Yellow (51%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7800, -23.5555, -51.5501 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 132.7800, -23.5555, -51.5501 by changing the saturation by 10% instead.

■ 132.7800,
-23.5555, -51.5501

■ 132.7800,
-23.5555, -51.5501

■ 255.0000, 0.0000,
0.0000

■ 104.8120,
-22.0923, -54.2091

■ 188.5090,
-25.8869, -50.4354

■ 73.9570, -18.7128,
-64.8603

■ 215.8080,
-26.0343, -49.8206

■ 55.6170, -22.9822,
-48.7761

■ 227.6710,
-18.0788, -34.7915

■ 39.9160, -19.6786,
-35.0063

■ 239.5340,
-10.1233, -19.7623

■ 27.0020, -13.3120,
-23.6808

■ 251.8100, -1.8783,
-4.2184

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,

0.0000

■ 132.7800,
-23.5555, -51.5501

■ 132.7800,
-23.5555, -51.5501

■ 125.9870,
-27.6016, -60.5016

■ 139.5730,
-19.5095, -42.5985

■ 119.0800,
-32.0844, -69.3532

■ 146.4800,
-15.0266, -33.7470

■ 111.9880,
-35.9831, -78.9195

■ 153.5720,
-11.1280, -24.1806

■ 105.1950,
-40.0291, -87.8710

■ 160.3650, -7.0819,
-15.2291

■ 103.1300,
-41.4761, -90.4450

■ 167.1580, -3.0359,
-6.2776

■ 174.0650, 1.4470,
2.5740

■ 180.8580, 5.4930,
11.5255

■ 187.9500, 9.3916,
21.0918

■ 194.7430, 13.4377,
30.0434

Harmonies

Analogous

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



142.3830, -48.0098, -1.2129



132.7800, -23.5555, -51.5501



119.5170, 8.6191, -104.8164

Triad

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



132.7800, -23.5555, -51.5501



124.1640, 64.5021, -108.8918



150.0710, -17.2900, 85.8837

Complementary

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



132.7800, -23.5555, -51.5501



113.2200, 23.5555, 51.5501

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.



152.8460, 7.4709, 77.3111



132.7800, -23.5555, -51.5501



151.8980, 48.3643, -19.2045

Square

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



132.7800, -23.5555, -51.5501



128.4550, 53.0197, -112.6550



156.7610, 29.6978, 41.4286



149.1250, -39.5016, 70.0504

Rectangle

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



132.7800, -23.5555, -51.5501



124.3220, 24.4913, -109.0304



156.7610, 29.6978, 41.4286



150.5470, -9.1437, 86.3433

Sweetspot

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



132.7800, -23.5555, -51.5501



208.8760, -8.8129, -20.0623



157.8380, -41.3321, 3.6501



103.1420, -5.4930, -11.5255



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



132.7800, -23.5555, -51.5501



163.1620, -36.5619, -79.9491



138.2520, -2.5892, -56.3490



83.3970, -2.1677, -4.7332



89.9880, -35.9831, -78.9195



13.8430, -5.3456, -12.1403

Inverse Universe

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



113.2200, 23.5555, 51.5501



132.8380, 36.5619, 79.9491



107.7480, 2.5892, 56.3490



81.6030, 2.1677, 4.7332



60.1260, 36.4199, 78.8195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 132.7800, -23.5555, -51.5501 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 132.7800, -23.5555, -51.5501 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 132.7800, -23.5555, -51.5501 Background



This preview shows how black text looks on a background with the YUV color 132.7800, -23.5555, -51.5501.



This preview shows how white text looks on a background with the YUV color 132.7800, -23.5555, -51.5501.

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

132.7800, -23.5555, -51.5501

Protanopia

148.0490, -34.5342, 16.6200

Deuteranopia

150.6190, -28.8992, 29.2751



Tritanopia

143.7480, 15.4072, -41.8750

Trichromacy



Original Color

132.7800, -23.5555, -51.5501

Protanomaly

142.3340, -30.2377, -8.1859

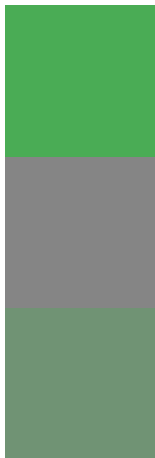
Deuteranomaly

144.1870, -27.2072, -0.1640

Tritanomaly

139.9420, 1.0146, -45.5531

Monochromacy



Original Color

132.7800, -23.5555, -51.5501

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0010, -8.3815, -18.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7800, -23.5555, -51.5501 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(74, 172, 85)` looks like.

```
.text, #text, p{  
    color:rgb(74, 172, 85)  
}
```

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(74, 172, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 172, 85) }
```

Border

The CSS property to change the border of an element to YUV 132.7800, -23.5555, -51.5501 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(74, 172, 85) }
```


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

```
.border{ border-color:rgb(74, 172, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 172, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 172, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 172, 85);  
box-shadow:4px 4px 4px 4px rgb(74, 172,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 132.7800, -23.5555, -51.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 172, 85) }
```

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

```
.background{ background-color: rgb(74, 172,  
85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor