

Converting Colors

YUV(123.2380, -31.6693,
-62.4757)

Have a look what the booklet for
YUV(123.2380, -31.6693, -62.4757)
contains.

YUV(123.2380, -31.6693, -62.4757)	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(123.2380, -31.6693,
-62.4757)**

Conversions

Conversions Part 1

Format	Color
Hex	34AC3B
RGB	52, 172, 59
RGB Percent	20%, 67%, 23%
CMY	0.7961, 0.3255, 0.7686
CMYK	0.70, 0.00, 0.66, 0.33
HSL	124°, 54%, 44%
HSV	124°, 70%, 67%
XYZ	16.9581, 30.5509, 9.1408
YIQ	123.2380, -35.2470, -60.5830

Conversions

Conversions Part 2

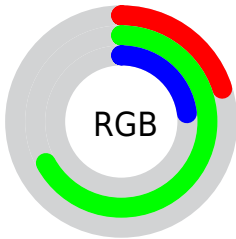
Format	Color
RYB	52, 165, 172
Decimal	3451963
CIELab	62.13, -55.27, 47.13
CIELCh	62, 72.636, 139.547
Yxy	30.5509, 0.2993, 0.5393
Android (android.graphics.Color)	4281642043 (0xFF34AC3B)
YUV	123.2380, -31.6693, -62.4757
Hunter-Lab	55.2728, -41.9624, 28.8859

Details

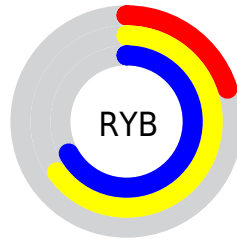
The YUV color **123.2380, -31.6693, -62.4757** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **100.7620, 31.6693, 62.4757**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8750, -34.4484, -57.7724**, and **69.2660, -34.1481, -60.7463** is the 20% darker color. If you saturate the color by 10%, you get **116.3310, -36.1522, -71.3273**, and if you desaturate by 10%, it is **130.1450, -27.1865, -53.6242**.

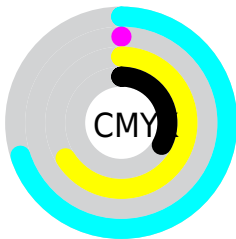
Distribution



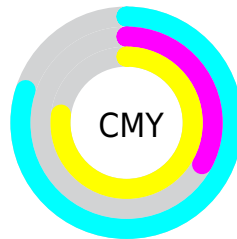
- Red (20%)
- Green (67%)
- Blue (23%)



- Red (20%)
- Yellow (65%)
- Blue (67%)



- Cyan (70%)
- Magenta (0%)
- Yellow (66%)
- Black (33%)



- Cyan (80%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2380, -31.6693, -62.4757 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 123.2380, -31.6693, -62.4757 by changing the saturation by 10% instead.

■ 123.2380,
-31.6693, -62.4757

■ 123.2380,
-31.6693, -62.4757

■ 255.0000, 0.0000,
0.0000

■ 88.7630, -27.9842,
-77.8452

■ 180.8750,
-34.4484, -57.7724

■ 69.2660, -34.1481,
-60.7463

■ 208.4730,
-34.7432, -56.5428

■ 54.0040, -26.6240,
-47.3615

■ 220.5210,
-27.3719, -40.7989

■ 39.9160, -19.6786,
-35.0063

■ 232.3840,
-19.4163, -25.7698

■ 26.4150, -13.0226,
-23.1660

■ 244.5460,
-11.6082, -10.1258

■ 8.2180, -4.0515,
-7.2072

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 123.2380,
-31.6693, -62.4757

■ 123.2380,
-31.6693, -62.4757

■ 116.3310,
-36.1522, -71.3273

■ 130.1450,
-27.1865, -53.6242

■ 109.4240,
-40.6350, -80.1788

■ 137.0520,
-22.7036, -44.7726

■ 102.1040,
-45.4073, -89.5452

■ 144.3720,
-17.9314, -35.4062

■ 151.2790,
-13.4485, -26.5547

■ 158.1860, -8.9657,
-17.7031

■ 165.0930, -4.4828,
-8.8516

■ 172.0000, 0.0000,
0.0000

■ 179.3200, 4.7722,
9.3664

■ 186.2270, 9.2551,
18.2179

Harmonies

Analogous

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



135.7800, -66.9395, 3.7009



123.2380, -31.6693, -62.4757



118.7360, 3.0882, -104.1315

Triad

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



123.2380, -31.6693, -62.4757



125.3380, 63.9234, -109.9214



138.7940, -13.7024, 101.9127

Complementary

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



123.2380, -31.6693, -62.4757



100.7620, 31.6693, 62.4757

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.



145.9050, 14.8368, 94.7993



123.2380, -31.6693, -62.4757



142.3130, 55.5547, -38.8625

Square

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



123.2380, -31.6693, -62.4757



131.4700, 56.9563, -115.2992



153.5300, 40.1647, 44.2622



143.4430, -45.0814, 86.4345

Rectangle

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



123.2380, -31.6693, -62.4757



125.0400, 22.1653, -109.6601



153.5300, 40.1647, 44.2622



138.8400, -3.3721, 101.8723

Sweetspot

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



123.2380, -31.6693, -62.4757



204.9310, -12.2910, -24.4955



156.5260, -51.5313, 8.3087



100.6640, -7.2294, -14.6143



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.



123.2380, -31.6693, -62.4757



147.6100, -49.6007, -97.8820



129.9640, -5.8983, -68.3744



83.3970, -2.1677, -4.7332



89.0760, -39.4775, -78.1197



13.6150, -6.2192, -11.9404

Inverse Universe

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



100.7620, 31.6693, 62.4757



112.3900, 49.6007, 97.8820



94.0360, 5.8983, 68.3744



81.6030, 2.1677, 4.7332



61.0380, 39.9143, 78.0197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 123.2380, -31.6693, -62.4757 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 123.2380, -31.6693, -62.4757 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 123.2380, -31.6693, -62.4757 Background



This preview shows how black text looks on a background with the YUV color 123.2380, -31.6693, -62.4757.



This preview shows how white text looks on a background with the YUV color 123.2380, -31.6693, -62.4757.

-62.4757.

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

123.2380, -31.6693, -62.4757

Protanopia

143.4380, -44.5859, 20.6639

Deuteranopia

146.2360, -38.0773, 33.1190



Tritanopia

139.4590, 17.0287, -48.6375

Trichromacy



Original Color

123.2380, -31.6693, -62.4757



Protanomaly

135.8040, -39.8364, -9.4751



Deuteranomaly

137.8850, -35.9323, -1.6531



Tritanomaly

133.4310, -0.7055, -53.8750

Monochromacy



Original Color

123.2380, -31.6693, -62.4757



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

123.1700, -11.4228, -22.9511

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2380, -31.6693, -62.4757 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(52, 172, 59)` looks like.

```
.text, #text, p{  
    color:rgb(52, 172, 59)  
}
```

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(52, 172, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 172, 59) }
```

Border

The CSS property to change the border of an element to YUV 123.2380, -31.6693, -62.4757 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(52, 172, 59) }
```


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

```
.border{ border-color:rgb(52, 172, 59) }
```

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

Here you see how a box with a 4 pixel rgb(52, 172, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 172, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 172, 59);  
box-shadow:4px 4px 4px 4px rgb(52, 172,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 123.2380, -31.6693, -62.4757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 172, 59) }
```

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

```
.background{ background-color: rgb(52, 172,  
59) }
```

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