

Converting Colors

YUV(123.6380, -38.2755,
-43.5325)

Have a look what the booklet for
YUV(123.6380, -38.2755, -43.5325)
contains.

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Color

**YUV(123.6380, -38.2755,
-43.5325)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA42E
RGB	74, 164, 46
RGB Percent	29%, 64%, 18%
CMY	0.7098, 0.3569, 0.8196
CMYK	0.55, 0.00, 0.72, 0.36
HSL	106°, 56%, 41%
HSV	106°, 72%, 64%
XYZ	16.5926, 28.2040, 7.1542
YIQ	123.6380, -15.7620, -55.7780

Conversions

Conversions Part 2

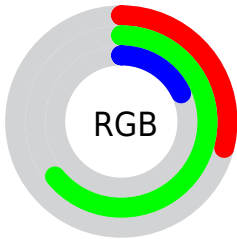
Format	Color
R_{YB}	46, 164, 136
Decimal	4891694
CIE _{Lab}	60.07, -48.45, 50.46
CIE _{LCh}	60, 69.954, 133.841
Yxy	28.2040, 0.3194, 0.5429
Android (android.graphics.Color)	4283081774 (0xFF4AA42E)
YUV	123.6380, -38.2755, -43.5325
Hunter-Lab	53.1075, -37.1684, 29.1882

Details

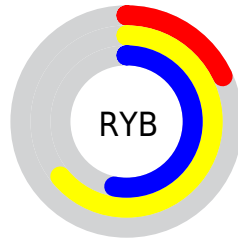
The YUV color **123.6380, -38.2755, -43.5325** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **86.3620, 38.2755, 43.5325**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5950, -39.7333, -42.6178**, and **65.1570, -32.1224, -57.1427** is the 20% darker color. If you saturate the color by 10%, you get **117.9270, -43.3480, -49.9250**, and if you desaturate by 10%, it is **129.3490, -33.2031, -37.1401**.

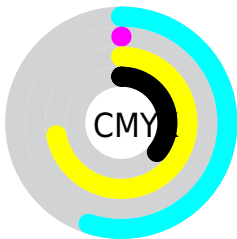
Distribution



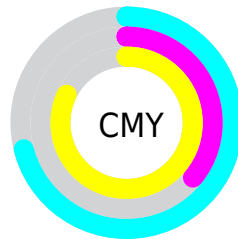
- Red (29%)
- Green (64%)
- Blue (18%)



- Red (18%)
- Yellow (64%)
- Blue (53%)



- Cyan (55%)
- Magenta (0%)
- Yellow (72%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6380, -38.2755, -43.5325 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 123.6380, -38.2755, -43.5325 by changing the saturation by 10% instead.

■ 123.6380,
-38.2755, -43.5325

■ 123.6380,
-38.2755, -43.5325

■ 255.0000, 0.0000,
0.0000

■ 94.9860, -39.4331,
-45.5917

■ 179.5950,
-39.7333, -42.6178

■ 65.1570, -32.1224,
-57.1427

■ 208.3670,
-40.6069, -42.4179

■ 50.4820, -24.8876,
-44.2727

■ 223.3390,
-34.6771, -30.9923

■ 35.8070, -17.6529,
-31.4027

■ 235.3870,
-27.3058, -15.2484

■ 23.4800, -11.5756,
-20.5920

■ 247.3640,
-18.9135, -0.3192

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,

1.7996

■ 123.6380,
-38.2755, -43.5325

■ 123.6380,
-38.2755, -43.5325

■ 117.9270,
-43.3480, -49.9250

■ 129.3490,
-33.2031, -37.1401

■ 112.4010,
-49.0047, -55.6027

■ 134.8750,
-27.5464, -31.4624

■ 107.9290,
-53.2090, -60.4507

■ 140.5860,
-22.4739, -25.0699

■ 146.1120,
-16.8172, -19.3922

■ 151.8230,
-11.7447, -12.9998

■ 157.2350, -6.5249,
-7.2221

■ 163.0600, -1.0156,
-0.9296

■ 168.4720, 4.2043,
4.8481

■ 174.2970, 9.7136,
11.1405

Harmonies

Analogous

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



132.5900, -65.3669, 12.6376



123.6380, -38.2755, -43.5325



112.6890, -2.3117, -98.8283

Triad

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



123.6380, -38.2755, -43.5325



123.5770, 64.7915, -108.3770



136.4720, -8.6137, 103.0721

Complementary

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



123.6380, -38.2755, -43.5325



86.3620, 38.2755, 43.5325

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.



142.2780, 19.0899, 83.9482



123.6380, -38.2755, -43.5325



129.1680, 62.0352, -64.1683

Square

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



123.6380, -38.2755, -43.5325



125.8960, 50.8303, -110.4108



149.0120, 42.3921, 29.8075



138.2890, -38.1035, 88.3235

Rectangle

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



123.6380, -38.2755, -43.5325



118.7650, 15.8919, -104.1569



149.0120, 42.3921, 29.8075



137.2790, 0.8485, 101.4873

Sweetspot

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



123.6380, -38.2755, -43.5325



197.8780, -15.2229, -17.4330



132.9380, -42.8604, 27.2414



97.5290, -9.1348, -10.1109



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



123.6380, -38.2755, -43.5325



151.1640, -59.7339, -67.6728



118.6860, -21.0442, -63.7456



78.8810, -2.8993, -3.4036



95.2810, -46.9735, -53.7434



11.7620, -5.7987, -6.8073

Inverse Universe

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



86.3620, 38.2755, 43.5325



92.8360, 59.7339, 67.6728



91.3140, 21.0442, 63.7456



76.1190, 2.8993, 3.4036



49.7190, 46.9735, 53.7434



6.2380, 5.7987, 6.8073

Previews

White Background



This preview shows how the YUV color 123.6380, -38.2755, -43.5325 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 123.6380, -38.2755, -43.5325 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 × Fail

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

YUV 123.6380, -38.2755, -43.5325 Background



This preview shows how black text looks on a background with the YUV color 123.6380, -38.2755, -43.5325.



This preview shows how white text looks on a background with the YUV color 123.6380, -38.2755, -43.5325.

-43.5325.

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

123.6380, -38.2755, -43.5325

Protanopia

137.3410, -47.4961, 20.7489

Deuteranopia

140.3240, -41.5717, 33.9189



Tritanopia

137.6240, 13.4964, -35.6272

Trichromacy



Original Color

123.6380, -38.2755, -43.5325



Protanomaly

132.1100, -43.9312, -2.7275



Deuteranomaly

134.3760, -40.6114, 5.8092



Tritanomaly

132.6780, -5.2643, -38.3056

Monochromacy



Original Color

123.6380, -38.2755, -43.5325



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

124.2310, -13.9179, -15.9886

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6380, -38.2755, -43.5325 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, 164, 46)` looks like.

```
.text, #text, p{  
    color:rgb(74, 164, 46)  
}
```

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, 164, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 164, 46) }
```

Border

The CSS property to change the border of an element to YUV 123.6380, -38.2755, -43.5325 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, 164, 46) }
```


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

```
.border{ border-color:rgb(74, 164, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 164, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 164, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 164, 46);  
box-shadow:4px 4px 4px 4px rgb(74, 164,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 123.6380, -38.2755, -43.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 164, 46) }
```

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

```
.background{ background-color: rgb(74, 164,  
46) }
```

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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