

Converting Colors

YUV(123.0430, -29.1082,
-43.8877)

Have a look what the booklet for
YUV(123.0430, -29.1082, -43.8877)
contains.

YUV(123.0430, -29.1082, -43.8877)	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(123.0430, -29.1082,
-43.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	49A040
RGB	73, 160, 64
RGB Percent	29%, 63%, 25%
CMY	0.7137, 0.3725, 0.7490
CMYK	0.54, 0.00, 0.60, 0.37
HSL	114°, 43%, 44%
HSV	114°, 60%, 63%
XYZ	16.2439, 26.9282, 9.1920
YIQ	123.0430, -21.0360, -48.3000

Conversions

Conversions Part 2

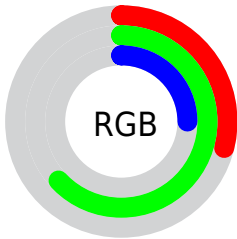
Format	Color
RYB	64, 160, 151
Decimal	4825152
CIELab	58.91, -45.41, 41.41
CIELCh	59, 61.456, 137.632
Yxy	26.9282, 0.3102, 0.5142
Android (android.graphics.Color)	4283015232 (0xFF49A040)
YUV	123.0430, -29.1082, -43.8877
Hunter-Lab	51.8924, -34.9360, 25.8223

Details

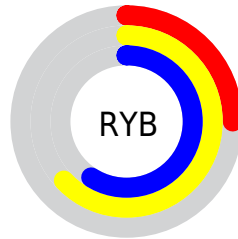
The YUV color **123.0430, -29.1082, -43.8877** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **100.9570, 29.1082, 43.8877**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4730, -31.2922, -43.3878**, and **63.9490, -26.5969, -56.0833** is the 20% darker color. If you saturate the color by 10%, you get **117.0330, -34.0333, -50.8949**, and if you desaturate by 10%, it is **129.3520, -24.3305, -36.2657**.

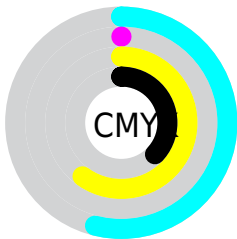
Distribution



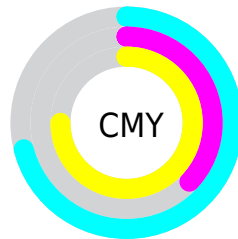
- Red (29%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (59%)



- Cyan (54%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)



- Cyan (71%)
- Magenta (37%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0430, -29.1082, -43.8877 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 123.0430, -29.1082, -43.8877 by changing the saturation by 10% instead.

■ 123.0430,
-29.1082, -43.8877

■ 123.0430,
-29.1082, -43.8877

255.0000, 0.0000,
0.0000

■ 95.3740, -27.7924,
-45.9320

■ 178.4730,
-31.2922, -43.3878

■ 63.9490, -26.5969,
-56.0833

■ 206.2450,
-32.1658, -43.1879

■ 48.1340, -23.7301,
-42.2135

■ 224.4510,
-27.8303, -33.7215

■ 34.0460, -16.7847,
-29.8583

■ 236.0150,
-19.7274, -19.3072

■ 21.7190, -10.7075,
-19.0476

■ 248.2910,
-11.4825, -3.7632

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 123.0430,
-29.1082, -43.8877

■ 123.0430,
-29.1082, -43.8877

■ 117.0330,
-34.0333, -50.8949

■ 129.3520,
-24.3305, -36.2657

■ 110.7240,
-38.8109, -58.5169

■ 135.3620,
-19.4055, -29.2585

■ 104.4150,
-43.5886, -66.1390

■ 141.6710,
-14.6278, -21.6365

■ 98.4050, -48.5137,
-73.1462

■ 147.6810, -9.7027,
-14.6292

■ 153.9900, -4.9251,
-7.0072

■ 160.0000, 0.0000,
0.0000

■ 166.3090, 4.7777,
7.6220

■ 172.3190, 9.7027,
14.6292

■ 178.6280, 14.4804,
22.2512

Harmonies

Analogous

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



131.4180, -54.4361, 6.6494



123.0430, -29.1082, -43.8877



110.7800, 3.0665, -97.1541

Triad

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



123.0430, -29.1082, -43.8877



118.5560, 63.3229, -103.9736



137.6460, -12.6435, 88.8875

Complementary

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



123.0430, -29.1082, -43.8877



100.9570, 29.1082, 43.8877

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.



141.1000, 12.2757, 76.2113



123.0430, -29.1082, -43.8877



137.3520, 53.0705, -35.3887

Square

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



123.0430, -29.1082, -43.8877



121.4620, 49.0722, -106.5222



145.8570, 34.0875, 33.4514



137.8420, -36.8971, 74.6836

Rectangle

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



123.0430, -29.1082, -43.8877



115.5850, 18.9386, -101.3680



145.8570, 34.0875, 33.4514



137.6380, -3.7655, 88.0175

Sweetspot

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



123.0430, -29.1082, -43.8877



194.5020, -11.5865, -17.1033



143.1860, -39.0387, 14.7459



96.0990, -6.9508, -10.6108



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.0430, -29.1082, -43.8877



151.2360, -45.4723, -68.6130



124.6840, -11.1832, -53.2199



75.9950, -2.4625, -3.5036



87.8280, -43.2992, -65.6242



9.1040, -4.4883, -7.1072

Inverse Universe

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



100.9570, 29.1082, 43.8877



116.7640, 45.4723, 68.6130



99.3160, 11.1832, 53.2199



74.0050, 2.4625, 3.5036



54.8730, 43.4466, 65.0094



5.8960, 4.4883, 7.1072

Previews

White Background



This preview shows how the YUV color 123.0430, -29.1082, -43.8877 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 123.0430, -29.1082, -43.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

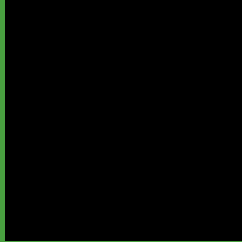
Any Text WCAG AA ✓ Pass

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 123.0430, -29.1082, -43.8877 Background



This preview shows how black text looks on a background with the YUV color 123.0430, -29.1082, -43.8877.



This preview shows how white text looks on a background with the YUV color 123.0430, -29.1082, -43.8877.

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

123.0430, -29.1082, -43.8877

Protanopia

136.3220, -38.6127, 18.1346

Deuteranopia

138.4790, -33.2671, 30.2749



Tritanopia

134.6240, 13.4964, -35.6272

Trichromacy



Original Color

123.0430, -29.1082, -43.8877

Protanomaly

131.3900, -35.1953, -4.7270

Deuteranomaly

132.6560, -31.8754, 3.8097

Tritanomaly

130.4760, -2.2067, -39.0055

Monochromacy



Original Color

123.0430, -29.1082, -43.8877

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8550, -10.2815, -15.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0430, -29.1082, -43.8877 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(73, 160, 64)` looks like.

```
.text, #text, p{  
    color:rgb(73, 160, 64)  
}
```

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(73, 160, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 160, 64) }
```

Border

The CSS property to change the border of an element to YUV 123.0430, -29.1082, -43.8877 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(73, 160, 64) }
```


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

```
.border{ border-color:rgb(73, 160, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 160, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 160, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 160, 64);  
box-shadow:4px 4px 4px 4px rgb(73, 160,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 123.0430, -29.1082, -43.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 160, 64) }
```

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

```
.background{ background-color: rgb(73, 160,  
64) }
```

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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