

Converting Colors

YUV(124.6810, -23.5067,
-67.2492)

Have a look what the booklet for
YUV(124.6810, -23.5067, -67.2492)
contains.

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Color

**YUV(124.6810, -23.5067,
-67.2492)**

Conversions

Conversions Part 1

Format	Color
Hex	30AD4D
RGB	48, 173, 77
RGB Percent	19%, 68%, 30%
CMY	0.8118, 0.3216, 0.6980
CMYK	0.72, 0.00, 0.55, 0.32
HSL	134°, 57%, 43%
HSV	134°, 72%, 68%
XYZ	17.5020, 31.0513, 12.0922
YIQ	124.6810, -43.6840, -56.3560

Conversions

Conversions Part 2

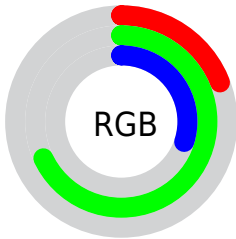
Format	Color
RYB	48, 149, 173
Decimal	3190093
CIELab	62.55, -54.12, 39.30
CIELCh	63, 66.885, 144.017
Yxy	31.0513, 0.2886, 0.5120
Android (android.graphics.Color)	4281380173 (0xFF30AD4D)
YUV	124.6810, -23.5067, -67.2492
Hunter-Lab	55.7237, -41.4522, 26.1405

Details

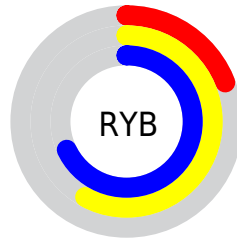
The YUV color **124.6810, -23.5067, -67.2492** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **96.3190, 23.5067, 67.2492**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.0900, -27.1594, -62.3459**, and **72.9310, -22.6440, -63.9605** is the 20% darker color. If you saturate the color by 10%, you get **118.1160, -26.6792, -76.4007**, and if you desaturate by 10%, it is **131.2460, -20.3343, -58.0977**.

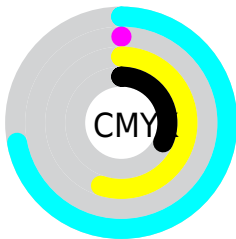
Distribution



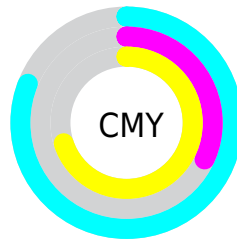
- Red (19%)
- Green (68%)
- Blue (30%)



- Red (19%)
- Yellow (58%)
- Blue (68%)



- Cyan (72%)
- Magenta (0%)
- Yellow (55%)
- Black (32%)



- Cyan (81%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.6810, -23.5067, -67.2492 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 124.6810, -23.5067, -67.2492 by changing the saturation by 10% instead.

■ 124.6810,
-23.5067, -67.2492

■ 124.6810,
-23.5067, -67.2492

■ 255.0000, 0.0000,
0.0000

■ 91.6300, -19.5376,
-80.3595

■ 183.0900,
-27.1594, -62.3459

■ 72.9310, -22.6440,
-63.9605

■ 209.5140,
-26.8754, -60.0868

■ 54.5910, -26.9134,
-47.8763

■ 221.2630,
-19.3567, -44.9577

■ 39.9160, -19.6786,
-35.0063

■ 233.4250,
-11.5485, -29.3137

■ 27.5890, -13.6014,
-24.1956

■ 245.7010, -3.3036,
-13.7698

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,

0.0000

■ 124.6810,
-23.5067, -67.2492

■ 124.6810,
-23.5067, -67.2492

■ 118.1160,
-26.6792, -76.4007

■ 131.2460,
-20.3343, -58.0977

■ 111.1380,
-30.1410, -86.0670

■ 138.2240,
-16.8724, -48.4314

■ 106.1110,
-32.5927, -93.0593

■ 144.7890,
-13.7000, -39.2800

■ 151.3540,
-10.5275, -30.1285

■ 158.2180, -7.5025,
-20.3622

■ 164.8970, -3.8932,
-11.3107

■ 171.4620, -0.7208,
-2.1592

■ 178.0270, 2.4517,
6.9923

■ 185.0050, 5.9135,
16.6586

Harmonies

Analogous

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



137.7820, -56.5875, -3.3168



124.6810, -23.5067, -67.2492



120.1040, 8.3297, -105.3312

Triad

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



124.6810, -23.5067, -67.2492



124.1640, 64.5021, -108.8918



145.3820, -18.9223, 96.1350

Complementary

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



124.6810, -23.5067, -67.2492



96.3190, 23.5067, 67.2492

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.



148.5640, 8.5959, 89.8364



124.6810, -23.5067, -67.2492



149.8100, 51.8587, -20.0044

Square

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



124.6810, -23.5067, -67.2492



130.2960, 57.5351, -114.2696



154.7280, 33.1651, 49.3505



146.2630, -45.4857, 76.0683

Rectangle

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



124.6810, -23.5067, -67.2492



125.3650, 25.9491, -109.9451



154.7280, 33.1651, 49.3505



144.6130, -9.1762, 96.8094

Sweetspot

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



124.6810, -23.5067, -67.2492



205.0170, -9.3754, -26.3249



150.6770, -50.6198, -4.1017



100.8210, -5.3348, -15.6290



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.



124.6810, -23.5067, -67.2492



148.5950, -36.7753, -104.8848



131.6350, 3.1379, -73.3479



83.5110, -1.7309, -4.8331



92.0400, -28.1207, -80.7191



14.0710, -4.4720, -12.3403

Inverse Universe

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



96.3190, 23.5067, 67.2492



104.4050, 36.7753, 104.8848



89.3650, -3.1379, 73.3479



81.4890, 1.7309, 4.8331



58.0740, 28.5575, 80.6191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 124.6810, -23.5067, -67.2492 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 124.6810, -23.5067, -67.2492 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 124.6810, -23.5067, -67.2492 Background



This preview shows how black text looks on a background with the YUV color 124.6810, -23.5067, -67.2492.



This preview shows how white text looks on a background with the YUV color 124.6810, -23.5067, -67.2492.

-67.2492.

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

124.6810, -23.5067, -67.2492

Protanopia

145.6640, -37.3024, 17.8347

Deuteranopia

148.3480, -31.2306, 30.3898



Tritanopia

139.9640, 17.7657, -51.7114

Trichromacy



Original Color

124.6810, -23.5067, -67.2492

Protanomaly

137.8450, -31.9686, -13.0191

Deuteranomaly

139.8120, -28.5013, -5.0971

Tritanomaly

134.6200, 2.6523, -57.5487

Monochromacy



Original Color

124.6810, -23.5067, -67.2492

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.6690, -8.2178, -24.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.6810, -23.5067, -67.2492 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(48, 173, 77)` looks like.

```
.text, #text, p{  
    color:rgb(48, 173, 77)  
}
```

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(48, 173, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 173, 77) }
```

Border

The CSS property to change the border of an element to YUV 124.6810, -23.5067, -67.2492 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(48, 173, 77) }
```


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

```
.border{ border-color:rgb(48, 173, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 173, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 173, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 173, 77);  
box-shadow:4px 4px 4px 4px rgb(48, 173,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 124.6810, -23.5067, -67.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 173, 77) }
```

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

```
.background{ background-color: rgb(48, 173,  
77) }
```

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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