

Converting Colors

YUV(123.0750, -30.6030,
15.7202)

Have a look what the booklet for
YUV(123.0750, -30.6030, 15.7202)
contains.

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Color

**YUV(123.0750, -30.6030,
15.7202)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7E3D
RGB	141, 126, 61
RGB Percent	55%, 49%, 24%
CMY	0.4471, 0.5059, 0.7608
CMYK	0.00, 0.11, 0.57, 0.45
HSL	49°, 40%, 40%
HSV	49°, 57%, 55%
XYZ	19.2877, 20.9214, 7.4365
YIQ	123.0750, 29.8050, -17.0350

Conversions

Conversions Part 2

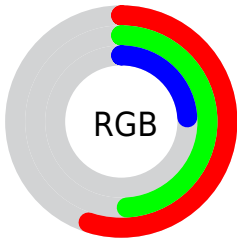
Format	Color
R_{YB}	79, 141, 61
Decimal	9272893
CIE Lab	52.86, -3.00, 36.98
CIE LCh	53, 37.099, 94.643
Yxy	20.9214, 0.4048, 0.4391
Android (android.graphics.Color)	4287462973 (0xFF8D7E3D)
YUV	123.0750, -30.6030, 15.7202
Hunter-Lab	45.7399, -4.7746, 22.3783

Details

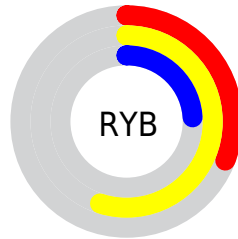
The YUV color **123.0750, -30.6030, 15.7202** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.9250, 30.6030, -15.7202**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7440, -31.9188, 17.7645**, and **72.8790, -30.0133, 13.2611** is the 20% darker color. If you saturate the color by 10%, you get **119.7180, -35.8500, 18.6643**, and if you desaturate by 10%, it is **126.4320, -25.3560, 12.7761**.

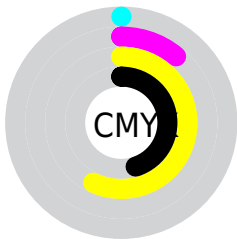
Distribution



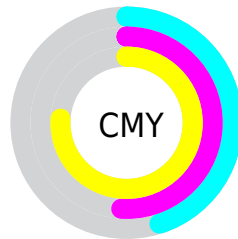
- Red (55%)
- Green (49%)
- Blue (24%)



- Red (31%)
- Yellow (55%)
- Blue (24%)



- Cyan (0%)
- Magenta (11%)
- Yellow (57%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0750, -30.6030, 15.7202 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 123.0750, -30.6030, 15.7202 by changing the saturation by 10% instead.

■ 123.0750,
-30.6030, 15.7202

■ 123.0750,
-30.6030, 15.7202

■ 255.0000, 0.0000,
0.0000

■ 97.5910, -29.8714,
14.3907

■ 175.7440,
-31.9188, 17.7645

■ 72.8790, -30.0133,
13.2611

■ 203.7010,
-33.3766, 18.6792

■ 51.4210, -25.3506,
11.0318

■ 231.8860,
-33.9608, 19.3940

■ 31.6190, -15.5882,
6.4731

■ 247.7040,
-27.9551, 6.3986

■ 9.4360, -4.6519,
-1.2594

■ 250.8960,
-15.7247, 3.5992

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,

0.7998

■ 123.0750,
-30.6030, 15.7202

■ 123.0750,
-30.6030, 15.7202

■ 119.7180,
-35.8500, 18.6643

■ 126.4320,
-25.3560, 12.7761

■ 116.9480,
-41.3864, 21.0936

■ 129.2020,
-19.8196, 10.3468

■ 113.5910,
-46.6334, 24.0377

■ 132.5590,
-14.5726, 7.4028

■ 110.2340,
-51.8804, 26.9818

■ 135.9160, -9.3256,
4.4587

■ 109.6640,
-54.0644, 27.4817

■ 138.8000, -3.3524,
1.9294

■ 142.1570, 1.8946,
-1.0147

■ 145.5140, 7.1416,
-3.9588

■ 148.2840, 12.6780,
-6.3881

■ 151.6410, 17.9250,
-9.3322

Harmonies

Analogous

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



125.6030, -27.9053, 37.1822



123.0750, -30.6030, 15.7202



119.4460, -23.3909, -10.9151

Triad

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



123.0750, -30.6030, 15.7202



101.7080, 29.2310, -89.1979



130.0210, 11.8216, 35.0616

Complementary

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



123.0750, -30.6030, 15.7202



78.9250, 30.6030, -15.7202

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.



129.1620, 24.5701, 5.9969



123.0750, -30.6030, 15.7202



101.2810, 40.2875, -88.8234

Square

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



123.0750, -30.6030, 15.7202



98.7610, 15.4008, -86.6134



121.4990, 33.2780, -33.7636



128.2220, -3.0674, 50.6713

Rectangle

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



123.0750, -30.6030, 15.7202



115.8440, -13.7271, -30.5582



121.4990, 33.2780, -33.7636



129.8180, 16.3587, 26.4696

Sweetspot

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



123.0750, -30.6030, 15.7202



176.8300, -12.2412, 6.2881



86.7440, -4.8038, 47.5825



87.4860, -7.1416, 3.9588



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



123.0750, -30.6030, 15.7202



155.6620, -47.6544, 24.8524



124.7040, -31.4061, -6.7564



69.6150, -2.7682, 1.2146



104.9350, -51.7330, 26.3670



5.9140, -2.9156, 1.8294

Inverse Universe

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



78.9250, 30.6030, -15.7202



86.7510, 47.9438, -24.3376



77.2960, 31.4061, 6.7564



65.9720, 2.4788, -1.7294



30.0650, 51.7330, -26.3670



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 123.0750, -30.6030, 15.7202 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 123.0750, -30.6030, 15.7202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

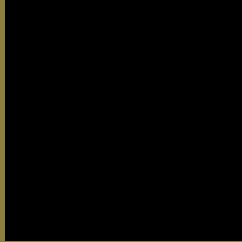
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0750, -30.6030, 15.7202

Background



This preview shows how black text looks on a background with the YUV color 123.0750, -30.6030, 15.7202.



This preview shows how white text looks on a background with the YUV color 123.0750, -30.6030, 15.7202.

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

123.0750, -30.6030, 15.7202

Protanopia

122.7760, -30.4556, 15.1054

Deuteranopia

123.8530, -30.4935, 27.3159



Tritanopia

128.3980, -0.1962, 16.3140

Trichromacy



Original Color

123.0750, -30.6030, 15.7202

Protanomaly

122.7760, -30.4556, 15.1054

Deuteranomaly

123.5320, -30.3353, 23.2124

Tritanomaly

126.8250, -11.2527, 15.9395

Monochromacy



Original Color

123.0750, -30.6030, 15.7202

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0750, -30.6030, 15.7202 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(141, 126, 61)` looks like.

```
.text, #text, p{  
    color:rgb(141, 126, 61)  
}
```

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(141, 126, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 126, 61) }
```

Border

The CSS property to change the border of an element to YUV 123.0750, -30.6030, 15.7202 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(141, 126, 61) }
```


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

```
.border{ border-color:rgb(141, 126, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 126, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 126, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 126, 61);  
box-shadow:4px 4px 4px 4px rgb(141, 126,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 123.0750, -30.6030, 15.7202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 126, 61) }
```

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

```
.background{ background-color: rgb(141,  
126, 61) }
```

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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