

Converting Colors

YUV(63.7630, -24.0402,
10.7318)

Have a look what the booklet for
YUV(63.7630, -24.0402, 10.7318)
contains.

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Color

**YUV(63.7630, -24.0402,
10.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	4C430F
RGB	76, 67, 15
RGB Percent	30%, 26%, 6%
CMY	0.7020, 0.7373, 0.9412
CMYK	0.00, 0.12, 0.80, 0.70
HSL	51°, 67%, 18%
HSV	51°, 80%, 30%
XYZ	5.0739, 5.5853, 1.2626
YIQ	63.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

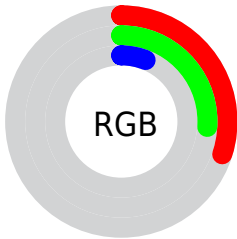
Format	Color
RYB	26, 76, 15
Decimal	4997903
CIELab	28.34, -2.86, 31.18
CIELCh	28, 31.313, 95.241
Yxy	5.5853, 0.4256, 0.4685
Android (android.graphics.Color)	4283187983 (0xFF4C430F)
YUV	63.7630, -24.0402, 10.7318
Hunter-Lab	23.6332, -3.0356, 13.3757

Details

The YUV color **63.7630, -24.0402, 10.7318** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **27.2370, 24.0402, -10.7318**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4320, -25.3560, 12.7761**, and **23.3460, -11.5096, 4.9586** is the 20% darker color. If you saturate the color by 10%, you get **62.2640, -27.2452, 12.0465**, and if you desaturate by 10%, it is **65.2620, -20.8352, 9.4172**.

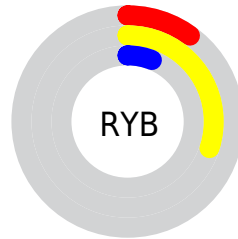
Distribution



Red (30%)

Green (26%)

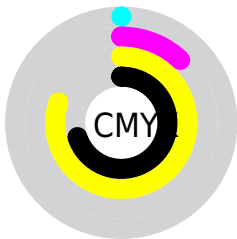
Blue (6%)



Red (10%)

Yellow (30%)

Blue (6%)

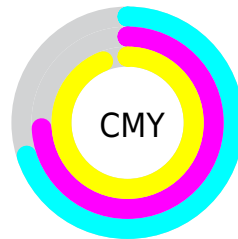


Cyan (0%)

Magenta (12%)

Yellow (80%)

Black (70%)



Cyan (70%)

Magenta (74%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7630, -24.0402, 10.7318 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 63.7630, -24.0402, 10.7318 by changing the saturation by 10% instead.

63.7630, -24.0402,
10.7318

63.7630, -24.0402,
10.7318

253.9740, -3.9312,
0.8998

42.2620, -20.8352,
9.4172

112.4320,
-25.3560, 12.7761

23.3460, -11.5096,
4.9586

137.9160,
-26.0876, 14.1057

0.0000, 0.0000,
0.0000

164.1010,
-26.6718, 14.8204

191.8730,
-27.5454, 15.0204

219.3570,
-28.2770, 16.3499

244.6550,

-26.9449, 9.0726

■ 250.6680,
-16.5983, 3.7992

■ 63.7630, -24.0402,
10.7318

■ 63.7630, -24.0402,
10.7318

■ 62.2640, -27.2452,
12.0465

■ 65.2620, -20.8352,
9.4172

■ 60.8790, -30.0133,
13.2611

■ 66.6470, -18.0670,
8.2026

■ 68.1460, -14.8620,
6.8880

■ 69.5310, -12.0938,
5.6733

■ 71.6170, -9.1782,
3.8439

■ 73.1160, -5.9732,
2.5293

■ 74.5010, -3.2050,
1.3146

■ 76.0000, 0.0000,
0.0000

■ 77.3850, 2.7682,
-1.2146

Harmonies

Analogous

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



65.2580, -21.3262, 26.9607



63.7630, -24.0402, 10.7318



60.9500, -17.7233, -8.7261

Triad

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



63.7630, -24.0402, 10.7318



56.5020, 18.4865, -49.5523



68.6950, 9.5174, 27.4545

Complementary

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



63.7630, -24.0402, 10.7318



27.2370, 24.0402, -10.7318

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.



68.8430, 18.3184, 4.5227



63.7630, -24.0402, 10.7318



56.5650, 26.3435, -49.6075

Square

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



63.7630, -24.0402, 10.7318



54.3530, 7.7140, -47.6676



60.2020, 27.0154, -31.7492



66.9000, -1.4297, 38.6757

Rectangle

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



63.7630, -24.0402, 10.7318



57.6150, -9.6702, -25.0954



60.2020, 27.0154, -31.7492



69.1610, 12.7386, 20.9068

Sweetspot

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



63.7630, -24.0402, 10.7318



94.6170, -9.1782, 3.8439



34.2650, -5.0606, 36.6016



48.1160, -5.9732, 2.5293



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.7630, -24.0402, 10.7318



79.9520, -37.4443, 16.7051



62.7670, -23.5491, -6.8117



37.5440, -1.7472, 0.3999



81.5670, -40.2125, 17.9197



183.8220, -90.6242, 40.4981

Inverse Universe

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



27.2370, 24.0402, -10.7318



23.0480, 37.4443, -16.7051



28.2330, 23.5491, 6.8117



35.0430, 1.4578, -0.9147



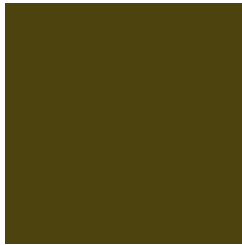
20.4330, 40.2125, -17.9197



46.1780, 90.6242, -40.4981

Previews

White Background



This preview shows how the YUV color 63.7630, -24.0402, 10.7318 looks on a white 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

Black Background



This preview shows how the YUV color 63.7630, -24.0402, 10.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

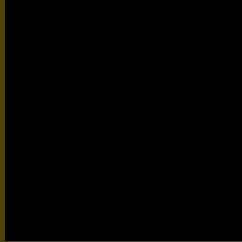
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7630, -24.0402, 10.7318

Background



This preview shows how black text looks on a background with the YUV color 63.7630, -24.0402, 10.7318.



This preview shows how white text looks on a background with the YUV color 63.7630, -24.0402,

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

63.7630, -24.0402, 10.7318

Protanopia

63.4640, -23.8928, 10.1171

Deuteranopia

64.6220, -23.4776, 16.9945



Tritanopia

67.9520, -0.4693, 10.5661

Trichromacy



Original Color

63.7630, -24.0402, 10.7318

Protanomaly

63.4640, -23.8928, 10.1171

Deuteranomaly

64.1980, -23.7616, 14.7354

Tritanomaly

66.6610, -9.1999, 10.8213

Monochromacy



Original Color

63.7630, -24.0402, 10.7318

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7310, -8.7414, 3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7630, -24.0402, 10.7318 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(76, 67, 15)` looks like.

```
.text, #text, p{  
    color:rgb(76, 67, 15)  
}
```

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(76, 67, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 67, 15) }
```

Border

The CSS property to change the border of an element to YUV 63.7630, -24.0402, 10.7318 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(76, 67, 15) }
```


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

```
.border{ border-color:rgb(76, 67, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 67, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 67, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 67, 15);  
box-shadow:4px 4px 4px 4px rgb(76, 67, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.7630, -24.0402, 10.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 67, 15) }
```

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

```
.background{ background-color: rgb(76, 67,  
15) }
```

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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