

Converting Colors

YUV(62.6400, -30.8815,
11.7167)

Have a look what the booklet for
YUV(62.6400, -30.8815, 11.7167)
contains.

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Color

**YUV(62.6400, -30.8815,
11.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4400
RGB	76, 68, 0
RGB Percent	30%, 27%, 0%
CMY	0.7020, 0.7333, 1.0000
CMYK	0.00, 0.11, 1.00, 0.70
HSL	54°, 100%, 15%
HSV	54°, 100%, 30%
XYZ	5.0476, 5.6707, 0.8285
YIQ	62.6400, 26.5960, -19.4520

Conversions

Conversions Part 2

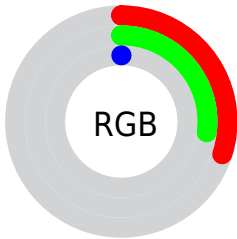
Format	Color
R_{YB}	9, 76, 0
Decimal	4998144
CIE Lab	28.57, -4.16, 37.40
CIE LCh	29, 37.631, 96.340
Yxy	5.6707, 0.4371, 0.4911
Android (android.graphics.Color)	4283188224 (0xFF4C4400)
YUV	62.6400, -30.8815, 11.7167
Hunter-Lab	23.8133, -3.8374, 14.6065

Details

The YUV color **62.6400, -30.8815, 11.7167** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **13.3600, 30.8815, -11.7167**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0640, -30.5976, 13.9759**, and **23.6340, -11.6516, 3.8290** is the 20% darker color. If you saturate the color by 10%, you get **62.6400, -30.8815, 11.7167**, and if you desaturate by 10%, it is **64.1390, -27.6765, 10.4021**.

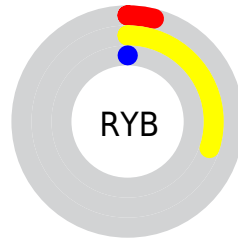
Distribution



Red (30%)

Green (27%)

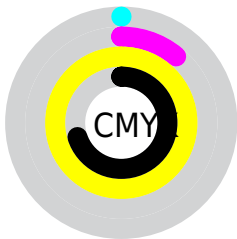
Blue (0%)



Red (4%)

Yellow (30%)

Blue (0%)

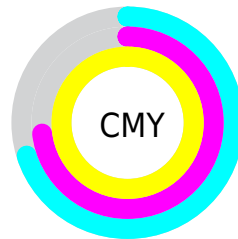


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.6400, -30.8815, 11.7167 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 62.6400, -30.8815, 11.7167 by changing the saturation by 10% instead.

■ 62.6400, -30.8815,
11.7167

■ 62.6400, -30.8815,
11.7167

■ 252.6060, -9.1728,
2.0995

■ 42.5500, -20.9771,
8.2877

■ 112.0640,
-30.5976, 13.9759

■ 23.6340, -11.6516,
3.8290

■ 137.5480,
-31.3292, 15.3054

■ 0.0000, 0.0000,
0.0000

■ 164.6190,
-32.3502, 16.1201


■ 191.6900,
-33.3712, 16.9349


■ 219.8750,
-33.9554, 17.6496


■ 243.8740,


-32.4759, 9.7575


 249.4140,
-21.4031, 4.8989


 62.6400, -30.8815,
11.7167

 64.1390, -27.6765,
10.4021

 65.5240, -24.9083,
9.1875

 66.4360, -21.4139,
8.3876

 67.8210, -18.6458,
7.1730

 69.3200, -15.4408,
5.8584

■ 70.8190, -12.2358,
4.5437

■ 72.2040, -9.4676,
3.3291

■ 73.1160, -5.9732,
2.5293

■ 74.5010, -3.2050,
1.3146

Harmonies

Analogous

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



64.4990, -26.8680, 31.1344



62.6400, -30.8815, 11.7167



59.3040, -21.3489, -12.5446

Triad

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



62.6400, -30.8815, 11.7167



58.4740, 20.9653, -51.2817



68.1950, 11.2429, 34.0320

Complementary

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



62.6400, -30.8815, 11.7167



13.3600, 30.8815, -11.7167

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.



69.1790, 22.0968, 5.9820



62.6400, -30.8815, 11.7167



58.8790, 30.1327, -51.6369

Square

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



62.6400, -30.8815, 11.7167



55.8690, 8.4456, -48.9971



54.7530, 34.6318, -48.0184



64.9550, -1.4568, 47.3975

Rectangle

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



62.6400, -30.8815, 11.7167



52.8370, -9.7796, -36.6910



54.7530, 34.6318, -48.0184



69.1770, 15.1957, 26.1548

Sweetspot

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



62.6400, -30.8815, 11.7167



93.9330, -11.7990, 4.4438



23.7500, -7.2717, 45.8233



47.7740, -7.2836, 2.8292



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.



62.6400, -30.8815, 11.7167



81.8440, -40.3491, 15.0458



58.6650, -28.9218, -10.2302



37.5440, -1.7472, 0.3999



83.9150, -41.3701, 15.8605



189.1050, -93.2288, 35.8649

Inverse Universe

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



13.3600, 30.8815, -11.7167



17.1560, 40.3491, -15.0458



17.3350, 28.9218, 10.2302



35.0430, 1.4578, -0.9147



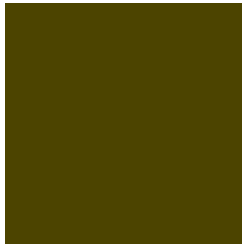
18.0850, 41.3701, -15.8605



40.3080, 93.5182, -35.3501

Previews

White Background



This preview shows how the YUV color 62.6400, -30.8815, 11.7167 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 62.6400, -30.8815, 11.7167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

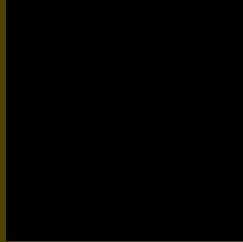
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.6400, -30.8815, 11.7167

Background



This preview shows how black text looks on a background with the YUV color 62.6400, -30.8815, 11.7167.



This preview shows how white text looks on a background with the YUV color 62.6400, -30.8815,

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

62.6400, -30.8815, 11.7167

Protanopia

62.6400, -30.8815, 11.7167

Deuteranopia

64.0090, -27.1194, 18.4091



Tritanopia

68.6530, -0.3219, 9.9513

Trichromacy



Original Color

62.6400, -30.8815, 11.7167

Protanomaly

62.6400, -30.8815, 11.7167

Deuteranomaly

63.3570, -28.2770, 16.3499

Tritanomaly

66.6780, -11.6733, 10.8064

Monochromacy



Original Color

62.6400, -30.8815, 11.7167

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0470, -11.3622, 4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.6400, -30.8815, 11.7167 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, 68, 0)` looks like.

```
.text, #text, p{  
    color:rgb(76, 68, 0)  
}
```

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, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 68, 0) }
```

Border

The CSS property to change the border of an element to YUV 62.6400, -30.8815, 11.7167 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, 68, 0) }
```


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

```
.border{ border-color:rgb(76, 68, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 68, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 68, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 68, 0); box-shadow:4px  
4px 4px 4px rgb(76, 68, 0) }
```

Background

The CSS property to change the background color of an element to YUV 62.6400, -30.8815, 11.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 68, 0) }
```

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

```
.background{ background-color: rgb(76, 68,  
0) }
```

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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