

Converting Colors

YUV(76.1230, -23.2316,
31.4641)

Have a look what the booklet for
YUV(76.1230, -23.2316, 31.4641)
contains.

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Color

**YUV(76.1230, -23.2316,
31.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	70431D
RGB	112, 67, 29
RGB Percent	44%, 26%, 11%
CMY	0.5608, 0.7373, 0.8863
CMYK	0.00, 0.40, 0.74, 0.56
HSL	27°, 59%, 28%
HSV	27°, 74%, 44%
XYZ	8.9110, 7.5478, 2.1496
YIQ	76.1230, 39.0180, -2.2780

Conversions

Conversions Part 2

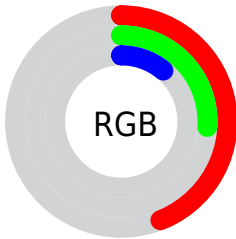
Format	Color
R _Y B	112, 99, 29
Decimal	7357213
CIE Lab	33.02, 15.84, 30.47
CIE LCh	33, 34.339, 62.533
Yxy	7.5478, 0.4789, 0.4056
Android (android.graphics.Color)	4285547293 (0xFF70431D)
YUV	76.1230, -23.2316, 31.4641
Hunter-Lab	27.4732, 9.8190, 14.5922

Details

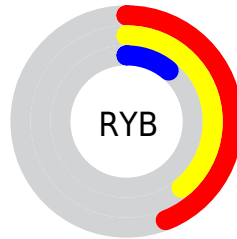
The YUV color **76.1230, -23.2316, 31.4641** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **64.8770, 23.2316, -31.4641**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9880, -25.1371, 35.9675**, and **31.4410, -15.5004, 25.0462** is the 20% darker color. If you saturate the color by 10%, you get **71.3470, -26.3001, 35.6527**, and if you desaturate by 10%, it is **80.8990, -20.1632, 27.2756**.

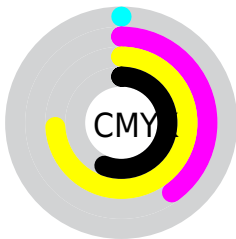
Distribution



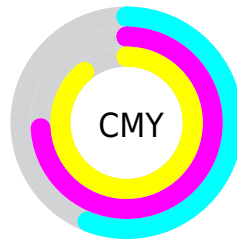
- Red (44%)
- Green (26%)
- Blue (11%)



- Red (44%)
- Yellow (39%)
- Blue (11%)



- Cyan (0%)
- Magenta (40%)
- Yellow (74%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.1230, -23.2316, 31.4641 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 76.1230, -23.2316, 31.4641 by changing the saturation by 10% instead.

■ 76.1230, -23.2316,
31.4641

■ 76.1230, -23.2316,
31.4641

255.0000, 0.0000,
0.0000

■ 52.5140, -22.9314,
28.4902

■ 125.9880,
-25.1371, 35.9675

■ 31.4410, -15.5004,
25.0462

■ 152.6570,
-26.4529, 38.0118

■ 10.7640, -5.3067,
22.1320

■ 179.4400,
-27.3319, 39.9561

■ 0.0000, 0.0000,
0.0000

■ 207.5110,
-28.3529, 40.7709

■ 227.3240,
-24.8097, 24.2719

■ 246.9520,

-20.6823, 7.0581

252.4920, -9.6096,
2.1995

76.1230, -23.2316,
31.4641

76.1230, -23.2316,
31.4641

71.3470, -26.3001,
35.6527

80.8990, -20.1632,
27.2756

66.5710, -29.3685,
39.8412

85.6750, -17.0948,
23.0870

63.4250, -31.2685,
42.6003

90.5650, -13.5895,
18.7985

95.3410, -10.5211,
14.6099

100.1170, -7.4527,
10.4214

■ 104.8930, -4.3842,
6.2328

■ 110.2560, -1.6052,
1.5295

■ 115.1460, 1.9000,
-2.7590

■ 119.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



76.5340, -13.0813, 42.5047



76.1230, -23.2316, 31.4641



74.2750, -27.2506, 13.7908

Triad

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



76.1230, -23.2316, 31.4641



62.4230, 8.1725, -54.7450



79.7440, 21.8182, 1.9785

Complementary

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



76.1230, -23.2316, 31.4641



64.8770, 23.2316, -31.4641

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.



68.2870, 31.4105, -41.4707



76.1230, -23.2316, 31.4641



64.9140, 20.2554, -56.9296

Square

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



76.1230, -23.2316, 31.4641



64.4500, -6.1378, -38.1056



65.3190, 29.4227, -57.2848



80.1620, 11.2591, 28.7989

Rectangle

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



76.1230, -23.2316, 31.4641



72.3980, -23.8602, -0.3490



65.3190, 29.4227, -57.2848



77.4760, 24.9083, -9.1875

Sweetspot

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



76.1230, -23.2316, 31.4641



131.3730, -9.0579, 11.9509



59.0610, 7.8579, 46.4275



65.9640, -5.4053, 7.0476



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



76.1230, -23.2316, 31.4641



89.2040, -36.0896, 48.9331



100.1900, -35.0967, 10.3574



53.5550, -1.7526, 2.1443



68.1650, -33.6053, 45.4593



140.1840, -69.1107, 93.6776

Inverse Universe

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



64.8770, 23.2316, -31.4641



71.7960, 36.0896, -48.9331



40.8100, 35.0967, -10.3574



53.0320, 1.4632, -2.6591



51.8350, 33.6053, -45.4593



106.8160, 69.1107, -93.6776

Previews

White Background



This preview shows how the YUV color 76.1230, -23.2316, 31.4641 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 76.1230, -23.2316, 31.4641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

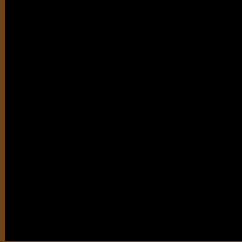
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.1230, -23.2316, 31.4641

Background



This preview shows how black text looks on a background with the YUV color 76.1230, -23.2316, 31.4641.



This preview shows how white text looks on a background with the YUV color 76.1230, -23.2316,

31.4641.

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

76.1230, -23.2316, 31.4641

Protanopia

75.4470, -21.4194, 10.1320

Deuteranopia

75.8180, -24.0673, 19.4536



Tritanopia

78.8190, -5.3338, 30.8537

Trichromacy



Original Color

76.1230, -23.2316, 31.4641

Protanomaly

75.6760, -22.0253, 17.8241

Deuteranomaly

75.6660, -23.4993, 23.9719

Tritanomaly

77.5110, -11.5909, 31.1239

Monochromacy



Original Color

76.1230, -23.2316, 31.4641

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1880, -8.4737, 11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.1230, -23.2316, 31.4641 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(112, 67, 29)` looks like.

```
.text, #text, p{  
    color:rgb(112, 67, 29)  
}
```

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(112, 67, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 67, 29) }
```

Border

The CSS property to change the border of an element to YUV 76.1230, -23.2316, 31.4641 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(112, 67, 29) }
```


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

```
.border{ border-color:rgb(112, 67, 29) }
```

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

Here you see how a box with a 4 pixel rgb(112, 67, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 67, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 67, 29);  
box-shadow:4px 4px 4px 4px rgb(112, 67,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 76.1230, -23.2316, 31.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 67, 29) }
```

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

```
.background{ background-color: rgb(112, 67,  
29) }
```

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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