

Converting Colors

YUV(76.3770, -18.4269,
30.3644)

Have a look what the booklet for
YUV(76.3770, -18.4269, 30.3644)
contains.

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Color

**YUV(76.3770, -18.4269,
30.3644)**

Conversions

Conversions Part 1

Format	Color
Hex	6F4227
RGB	111, 66, 39
RGB Percent	44%, 26%, 15%
CMY	0.5647, 0.7412, 0.8471
CMYK	0.00, 0.41, 0.65, 0.56
HSL	23°, 48%, 29%
HSV	23°, 65%, 44%
XYZ	8.8700, 7.4224, 2.8846
YIQ	76.3770, 35.4870, 1.1430

Conversions

Conversions Part 2

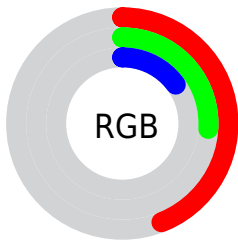
Format	Color
R_{YB}	111, 82, 39
Decimal	7291431
CIE Lab	32.75, 16.67, 24.43
CIE LCh	33, 29.572, 55.699
Yxy	7.4224, 0.4625, 0.3870
Android (android.graphics.Color)	4285481511 (0xFF6F4227)
YUV	76.3770, -18.4269, 30.3644
Hunter-Lab	27.2441, 10.4377, 12.7932

Details

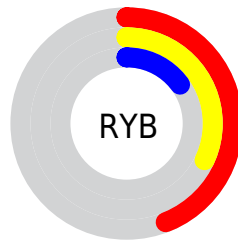
The YUV color **76.3770, -18.4269, 30.3644** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **73.6230, 18.4269, -30.3644**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2420, -20.3323, 34.8678**, and **30.8540, -15.2110, 25.5610** is the 20% darker color. If you saturate the color by 10%, you get **71.0140, -21.2059, 35.0677**, and if you desaturate by 10%, it is **81.7400, -15.6478, 25.6610**.

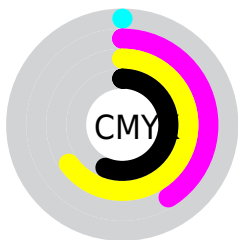
Distribution



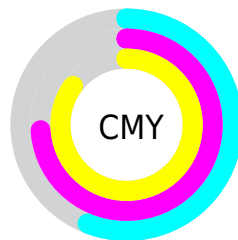
- Red (44%)
- Green (26%)
- Blue (15%)



- Red (44%)
- Yellow (32%)
- Blue (15%)



- Cyan (0%)
- Magenta (41%)
- Yellow (65%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3770, -18.4269, 30.3644 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 76.3770, -18.4269, 30.3644 by changing the saturation by 10% instead.

■ 76.3770, -18.4269,
30.3644

■ 76.3770, -18.4269,
30.3644

255.0000, 0.0000,
0.0000

■ 53.2950, -17.4004,
27.8053

■ 126.2420,
-20.3323, 34.8678

■ 30.8540, -15.2110,
25.5610

■ 152.6120,
-21.5007, 36.2973

■ 10.7640, -5.3067,
22.1320

■ 179.5090,
-21.9429, 38.1416

■ 0.0000, 0.0000,
0.0000

■ 207.5800,
-22.9639, 38.9563

■ 227.9910,
-19.7156, 23.6869

■ 247.6190,

-15.5882, 6.4731

253.8600, -4.3680,
0.9998

76.3770, -18.4269,
30.3644

76.3770, -18.4269,
30.3644

71.0140, -21.2059,
35.0677

81.7400, -15.6478,
25.6610

65.6510, -23.9849,
39.7711

87.1030, -12.8688,
20.9577

60.2880, -26.7640,
44.4744

92.4660, -10.0897,
16.2543

57.8430, -28.5166,
46.6187

97.8290, -7.3107,
11.5510

103.3060, -4.0949,
6.7476

■ 108.6690, -1.3158,
2.0443

■ 114.0320, 1.4632,
-2.6591

■ 119.3950, 4.2423,
-7.3624

■ 124.1710, 7.3107,
-11.5510

Harmonies

Analogous

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



77.1250, -9.4286, 37.6014



76.3770, -18.4269, 30.3644



75.4370, -22.8934, 16.2798

Triad

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



76.3770, -18.4269, 30.3644



60.5650, 6.1305, -53.1155



77.6570, 20.3821, -4.0842

Complementary

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



76.3770, -18.4269, 30.3644



73.6230, 18.4269, -30.3644

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.



68.1470, 27.0425, -40.4709



76.3770, -18.4269, 30.3644



63.3010, 16.6136, -55.5150

Square

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



76.3770, -18.4269, 30.3644



68.7400, -9.2388, -23.4510



63.5920, 25.3441, -55.7702



79.6340, 12.0124, 20.4920

Rectangle

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



76.3770, -18.4269, 30.3644



74.0010, -21.6925, 4.3841



63.5920, 25.3441, -55.7702



75.8730, 22.7406, -13.9206

Sweetspot

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



76.3770, -18.4269, 30.3644



131.9430, -6.8739, 11.4510



65.7720, 9.4794, 39.6650



65.6050, -4.2423, 7.3624



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.



76.3770, -18.4269, 30.3644



90.4410, -28.8114, 47.8482



96.9220, -28.5555, 12.3464



53.5550, -1.7526, 2.1443



62.2950, -30.7114, 50.6073



128.4440, -63.3229, 103.9736

Inverse Universe

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



73.6230, 18.4269, -30.3644



86.5590, 28.8114, -47.8482



53.0780, 28.5555, -12.3464



53.0320, 1.4632, -2.6591



57.7050, 30.7114, -50.6073



119.1430, 63.0335, -104.4884

Previews

White Background



This preview shows how the YUV color 76.3770, -18.4269, 30.3644 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 76.3770, -18.4269, 30.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

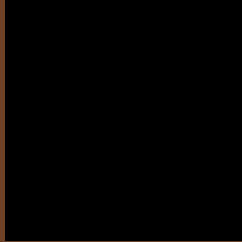
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3770, -18.4269, 30.3644

Background



This preview shows how black text looks on a background with the YUV color 76.3770, -18.4269, 30.3644.



This preview shows how white text looks on a background with the YUV color 76.3770, -18.4269,

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

76.3770, -18.4269, 30.3644

Protanopia

76.1030, -16.3198, 7.8027

Deuteranopia

76.3600, -19.4045, 17.2243



Tritanopia

78.4060, -5.6232, 30.3389

Trichromacy



Original Color

76.3770, -18.4269, 30.3644

Protanomaly

76.3320, -16.9257, 15.4948

Deuteranomaly

76.2080, -18.8365, 21.7426

Tritanomaly

77.5540, -10.1331, 30.2091

Monochromacy



Original Color

76.3770, -18.4269, 30.3644

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0570, -6.4371, 11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3770, -18.4269, 30.3644 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(111, 66, 39)` looks like.

```
.text, #text, p{  
    color:rgb(111, 66, 39)  
}
```

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(111, 66, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 66, 39) }
```

Border

The CSS property to change the border of an element to YUV 76.3770, -18.4269, 30.3644 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(111, 66, 39) }
```


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

```
.border{ border-color:rgb(111, 66, 39) }
```

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

Here you see how a box with a 4 pixel rgb(111, 66, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 66, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 66, 39);  
box-shadow:4px 4px 4px 4px rgb(111, 66,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 76.3770, -18.4269, 30.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 66, 39) }
```

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

```
.background{ background-color: rgb(111, 66,  
39) }
```

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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