

Converting Colors

YUV(74.4280, -22.3960,
43.4746)

Have a look what the booklet for
YUV(74.4280, -22.3960, 43.4746)
contains.

YUV(74.4280, -22.3960, 43.4746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(74.4280, -22.3960,
43.4746)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3A1D
RGB	124, 58, 29
RGB Percent	49%, 23%, 11%
CMY	0.5137, 0.7725, 0.8863
CMYK	0.00, 0.53, 0.77, 0.51
HSL	18°, 62%, 30%
HSV	18°, 77%, 49%
XYZ	10.0470, 7.3999, 2.0612
YIQ	74.4280, 48.6450, 4.9730

Conversions

Conversions Part 2

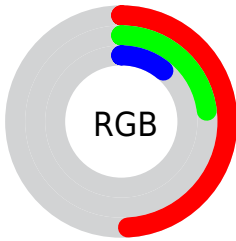
Format	Color
RYB	124, 71, 29
Decimal	8141341
CIELab	32.70, 26.50, 30.66
CIElCh	33, 40.525, 49.170
Yxy	7.3999, 0.5150, 0.3793
Android (android.graphics.Color)	4286331421 (0xFF7C3A1D)
YUV	74.4280, -22.3960, 43.4746
Hunter-Lab	27.2028, 18.3219, 14.5495

Details

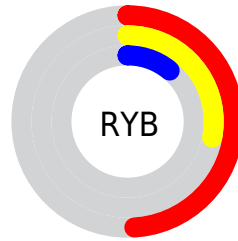
The YUV color **74.4280, -22.3960, 43.4746** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **78.5720, 22.3960, -43.4746**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3640, -25.3225, 48.7928**, and **27.0880, -13.3544, 36.7568** is the 20% darker color. If you saturate the color by 10%, you get **67.7770, -25.0331, 49.3076**, and if you desaturate by 10%, it is **81.0790, -19.7589, 37.6417**.

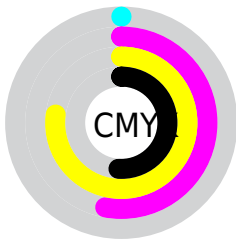
Distribution



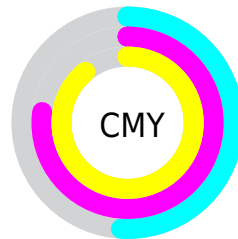
- Red (49%)
- Green (23%)
- Blue (11%)



- Red (49%)
- Yellow (28%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4280, -22.3960, 43.4746 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 74.4280, -22.3960, 43.4746 by changing the saturation by 10% instead.

■ 74.4280, -22.3960,
43.4746

■ 74.4280, -22.3960,
43.4746

255.0000, 0.0000,
0.0000

■ 49.9330, -21.6590,
40.4008

■ 125.3640,
-25.3225, 48.7928

■ 27.0880, -13.3544,
36.7568

■ 151.5600,
-25.9121, 51.2519

■ 13.1560, -6.4859,
27.0502

■ 179.2290,
-27.2279, 53.2962

■ 0.0000, 0.0000,
0.0000

■ 202.5270,
-25.8958, 46.0188

■ 222.0410,
-22.2052, 28.9050

■ 241.5550,

-18.5146, 11.7913

252.3780,
-10.0464, 2.2995

74.4280, -22.3960,
43.4746

74.4280, -22.3960,
43.4746

67.7770, -25.0331,
49.3076

81.0790, -19.7589,
37.6417

61.5990, -28.3963,
54.7257

87.2570, -16.3957,
32.2236

59.3820, -29.2753,
56.6700

93.9080, -13.7586,
26.3907

100.0860,
-10.3954, 20.9726

106.7370, -7.7583,
15.1397

■ 113.3880, -5.1213,
9.3067

■ 119.5660, -1.7580,
3.8886

■ 126.2170, 0.8790,
-1.9443

■ 132.9820, 3.9529,
-7.8772

Harmonies

Analogous

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



74.2670, -8.0196, 52.3858



74.4280, -22.3960, 43.4746



72.7450, -33.3983, 25.6566

Triad

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



74.4280, -22.3960, 43.4746



60.7130, 1.6205, -53.2453



74.7290, 31.1926, -18.1793

Complementary

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



74.4280, -22.3960, 43.4746



78.5720, 22.3960, -43.4746

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.



65.2680, 36.8429, -57.2400



74.4280, -22.3960, 43.4746



65.0620, 15.7454, -57.0594

Square

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



74.4280, -22.3960, 43.4746



65.1710, -16.3533, -28.2140



67.0800, 28.5546, -58.8292



79.2950, 19.5746, 21.6663

Rectangle

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



74.4280, -22.3960, 43.4746



71.7170, -34.3705, 10.7722



67.0800, 28.5546, -58.8292



66.8400, 36.0679, -41.9557

Sweetspot

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



74.4280, -22.3960, 43.4746



141.5200, -8.6374, 17.0840



65.0430, 15.2618, 51.7053



69.9860, -5.4161, 10.5363



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



74.4280, -22.3960, 43.4746



83.6670, -34.8388, 67.8210



102.0170, -35.9974, 19.2791



57.9680, -1.4632, 2.6591



59.6810, -29.4227, 57.2848



120.5470, -59.4297, 115.2843

Inverse Universe

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



78.5720, 22.3960, -43.4746



90.3330, 34.8388, -67.8210



50.9830, 35.9974, -19.2791



58.0320, 1.4632, -2.6591



65.3190, 29.4227, -57.2848



131.4530, 59.4297, -115.2843

Previews

White Background



This preview shows how the YUV color 74.4280, -22.3960, 43.4746 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 74.4280, -22.3960, 43.4746 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 74.4280, -22.3960, 43.4746

Background



This preview shows how black text looks on a background with the YUV color 74.4280, -22.3960, 43.4746.



This preview shows how white text looks on a background with the YUV color 74.4280, -22.3960,

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

74.4280, -22.3960, 43.4746

Protanopia

75.4900, -19.9616, 9.2173

Deuteranopia

75.1770, -25.2303, 19.1388



Tritanopia

76.2720, -9.0081, 42.7345

Trichromacy



Original Color

74.4280, -22.3960, 43.4746

Protanomaly

75.3390, -20.8731, 21.6277

Deuteranomaly

74.8730, -24.0944, 28.1754

Tritanomaly

75.6050, -14.1023, 43.3194

Monochromacy



Original Color

74.4280, -22.3960, 43.4746

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0360, -7.9057, 15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4280, -22.3960, 43.4746 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(124, 58, 29)` looks like.

```
.text, #text, p{  
    color:rgb(124, 58, 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(124, 58, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 58, 29) }
```

Border

The CSS property to change the border of an element to YUV 74.4280, -22.3960, 43.4746 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(124, 58, 29) }
```


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

```
.border{ border-color:rgb(124, 58, 29) }
```

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

Here you see how a box with a 4 pixel rgb(124, 58, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 58, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 58, 29);  
box-shadow:4px 4px 4px 4px rgb(124, 58,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 74.4280, -22.3960, 43.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 58, 29) }
```

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

```
.background{ background-color: rgb(124, 58,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor