

Converting Colors

YUV(80.0340, -18.2578,
22.7722)

Have a look what the booklet for
YUV(80.0340, -18.2578, 22.7722)
contains.

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Color

**YUV(80.0340, -18.2578,
22.7722)**

Conversions

Conversions Part 1	
Format	Color
Hex	6A4A2B
RGB	106, 74, 43
RGB Percent	42%, 29%, 17%
CMY	0.5843, 0.7098, 0.8314
CMYK	0.00, 0.30, 0.59, 0.58
HSL	30°, 42%, 29%
HSV	30°, 59%, 42%
XYZ	8.8287, 8.1361, 3.3906
YIQ	80.0340, 29.0230, -2.8570

Conversions

Conversions Part 2

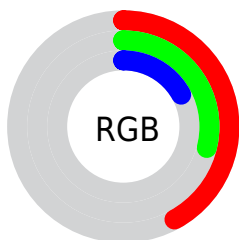
Format	Color
RYB	106, 104, 43
Decimal	6965803
CIELab	34.26, 9.78, 23.74
CIELCh	34, 25.678, 67.606
Yxy	8.1361, 0.4337, 0.3997
Android (android.graphics.Color)	4285155883 (0xFF6A4A2B)
YUV	80.0340, -18.2578, 22.7722
Hunter-Lab	28.5239, 5.3322, 12.9190

Details

The YUV color **80.0340, -18.2578, 22.7722** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **68.9660, 18.2578, -22.7722**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8880, -20.1578, 25.5312**, and **34.6530, -17.0839, 19.5983** is the 20% darker color. If you saturate the color by 10%, you get **75.8450, -21.6156, 26.4459**, and if you desaturate by 10%, it is **84.2230, -14.8999, 19.0984**.

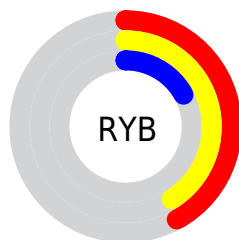
Distribution



Red (42%)

Green (29%)

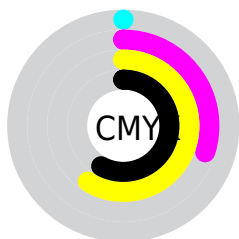
Blue (17%)



Red (42%)

Yellow (41%)

Blue (17%)

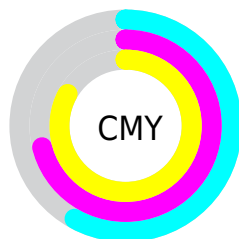


Cyan (0%)

Magenta (30%)

Yellow (59%)

Black (58%)



Cyan (58%)

Magenta (71%)


Yellow (83%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 80.0340, -18.2578, 22.7722 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 80.0340, -18.2578, 22.7722 by changing the saturation by 10% instead.


 80.0340, -18.2578,
22.7722


 80.0340, -18.2578,
22.7722


255.0000, 0.0000,
0.0000


 56.3650, -16.9419,
20.7279


 129.8880,
-20.1578, 25.5312


 34.6530, -17.0839,
19.5983


 155.7850,
-20.6000, 27.3756

 13.9760, -6.8902,
16.6840

 183.2690,
-21.3316, 28.7051

 0.0000, 0.0000,
0.0000

 211.3400,
-22.3526, 29.5198

 233.8440,
-20.1361, 18.5538

 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 80.0340, -18.2578,
22.7722

■ 80.0340, -18.2578,
22.7722

■ 75.8450, -21.6156,
26.4459

■ 84.2230, -14.8999,
19.0984

■ 71.1830, -24.2472,
30.5345

■ 88.8850, -12.2683,
15.0099

■ 66.9940, -27.6050,
34.2083

■ 93.0740, -8.9105,
11.3361

■ 62.3320, -30.2367,
38.2968

■ 97.7360, -6.2788,
7.2475

■ 62.2180, -30.6735,
38.3968

■ 101.9250, -2.9210,
3.5738

■ 106.1140, 0.4368,
-0.1000

■ 110.7760, 3.0684,
-4.1886

■ 114.9650, 6.4263,
-7.8623

■ 119.0400, 9.3473,
-11.4361

Harmonies

Analogous

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



80.8100, -11.7383, 31.7386



80.0340, -18.2578, 22.7722



78.3050, -19.3774, 8.5025

Triad

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



80.0340, -18.2578, 22.7722



63.1070, 10.7932, -55.3448



82.3440, 15.1134, 5.8373

Complementary

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



80.0340, -18.2578, 22.7722



68.9660, 18.2578, -22.7722

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.



78.6830, 20.8623, -18.1390



80.0340, -18.2578, 22.7722



64.8000, 19.8186, -56.8296

Square

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



80.0340, -18.2578, 22.7722



72.0860, -3.9864, -28.1394



66.3150, 25.4807, -52.8963



83.2770, 6.7654, 23.4361

Rectangle

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



80.0340, -18.2578, 22.7722



76.9230, -16.7240, -2.5635



66.3150, 25.4807, -52.8963



81.8700, 17.3191, -1.6400

Sweetspot

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



80.0340, -18.2578, 22.7722



127.5190, -7.1579, 9.1918



65.5990, 5.1277, 35.4317



62.5940, -4.2368, 5.6181



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.0340, -18.2578, 22.7722



97.4780, -28.3367, 35.5378



98.2310, -27.2289, 6.8134



51.5550, -1.7526, 2.1443



69.0290, -34.0313, 42.0706



143.6950, -70.8416, 88.8445

Inverse Universe

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



68.9660, 18.2578, -22.7722



80.5220, 28.3367, -35.5378



50.7690, 27.2289, -6.8134



50.4450, 1.7526, -2.1443



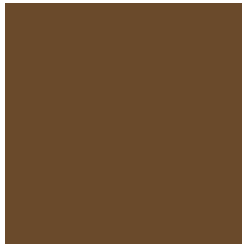
48.5580, 33.7419, -42.5854



100.7180, 71.1310, -88.3297

Previews

White Background



This preview shows how the YUV color 80.0340, -18.2578, 22.7722 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 80.0340, -18.2578, 22.7722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

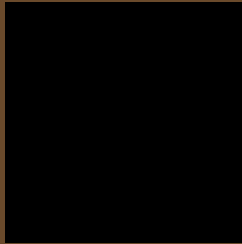
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0340, -18.2578, 22.7722

Background



This preview shows how black text looks on a background with the YUV color 80.0340, -18.2578, 22.7722.



This preview shows how white text looks on a background with the YUV color 80.0340, -18.2578,

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

80.0340, -18.2578, 22.7722

Protanopia

79.2880, -16.9040, 8.5174

Deuteranopia

79.5880, -18.5309, 17.0243



Tritanopia

81.9320, -3.4175, 22.8616

Trichromacy



Original Color
80.0340, -18.2578, 22.7722

Protanomaly
79.2070, -17.3571, 13.8505

Deuteranomaly
79.8980, -18.6837, 19.3835

Tritanomaly
80.8520, -8.8010, 22.9318

Monochromacy



Original Color
80.0340, -18.2578, 22.7722

Achromatopsia
80.0000, 0.0000, 0.0000

Achromatomaly
80.0350, -6.4263, 7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0340, -18.2578, 22.7722 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(106, 74, 43)` looks like.

```
.text, #text, p{  
    color:rgb(106, 74, 43)  
}
```

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(106, 74, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 74, 43) }
```

Border

The CSS property to change the border of an element to YUV 80.0340, -18.2578, 22.7722 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(106, 74, 43) }
```


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

```
.border{ border-color:rgb(106, 74, 43) }
```

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

Here you see how a box with a 4 pixel rgb(106, 74, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 74, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 74, 43);  
box-shadow:4px 4px 4px 4px rgb(106, 74,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 80.0340, -18.2578, 22.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 74, 43) }
```

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

```
.background{ background-color: rgb(106, 74,  
43) }
```

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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