

Converting Colors

YUV(80.0450, -18.2632,
24.5165)

Have a look what the booklet for
YUV(80.0450, -18.2632, 24.5165)
contains.

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Color

**YUV(80.0450, -18.2632,
24.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	6C492B
RGB	108, 73, 43
RGB Percent	42%, 29%, 17%
CMY	0.5765, 0.7137, 0.8314
CMYK	0.00, 0.32, 0.60, 0.58
HSL	28°, 43%, 30%
HSV	28°, 60%, 42%
XYZ	9.0029, 8.1277, 3.3798
YIQ	80.0450, 30.4900, -1.9100

Conversions

Conversions Part 2

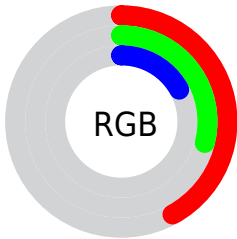
Format	Color
R_{YB}	108, 99, 43
Decimal	7096619
CIE _{Lab}	34.25, 11.34, 23.78
CIE _{LCh}	34, 26.343, 64.507
Yxy	8.1277, 0.4389, 0.3963
Android (android.graphics.Color)	4285286699 (0xFF6C492B)
YUV	80.0450, -18.2632, 24.5165
Hunter-Lab	28.5090, 6.4781, 12.9274

Details

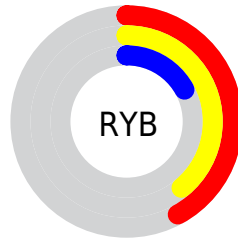
The YUV color **80.0450, -18.2632, 24.5165** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **70.9550, 18.2632, -24.5165**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1980, -20.3106, 27.8904**, and **34.3650, -16.9419, 20.7279** is the 20% darker color. If you saturate the color by 10%, you get **75.2690, -21.3316, 28.7051**, and if you desaturate by 10%, it is **84.8210, -15.1948, 20.3280**.

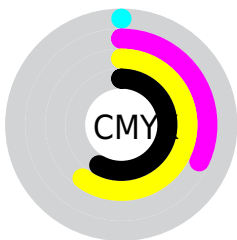
Distribution



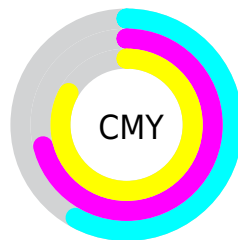
- Red (42%)
- Green (29%)
- Blue (17%)



- Red (42%)
- Yellow (39%)
- Blue (17%)



- Cyan (0%)
- Magenta (32%)
- Yellow (60%)
- Black (58%)



- Cyan (58%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0450, -18.2632, 24.5165 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 80.0450, -18.2632, 24.5165 by changing the saturation by 10% instead.

80.0450, -18.2632,
24.5165

80.0450, -18.2632,
24.5165

255.0000, 0.0000,
0.0000

56.3760, -16.9474,
22.4722

130.1980,
-20.3106, 27.8904

34.3650, -16.9419,
20.7279

156.0950,
-20.7528, 29.7347

13.6880, -6.7482,
17.8136

183.2800,
-21.3370, 30.4494

0.0000, 0.0000,
0.0000

210.7640,
-22.0687, 31.7790

233.2570,
-19.8467, 19.0686

251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

80.0450, -18.2632,
24.5165

80.0450, -18.2632,
24.5165

75.2690, -21.3316,
28.7051

84.8210, -15.1948,
20.3280

70.4930, -24.4000,
32.8936

89.5970, -12.1263,
16.1394

66.4180, -27.3211,
36.4674

93.6720, -9.2053,
12.5657

61.6420, -30.3895,
40.6560

98.4480, -6.1369,
8.3771

103.2240, -3.0684,
4.1886

■ 108.0000, 0.0000,
0.0000

■ 112.7760, 3.0684,
-4.1886

■ 117.4380, 5.7001,
-8.2771

■ 121.6270, 9.0579,
-11.9509

Harmonies

Analogous

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



80.9350, -11.3070, 33.3830



80.0450, -18.2632, 24.5165



78.2020, -19.8196, 10.3468

Triad

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



80.0450, -18.2632, 24.5165



62.8790, 9.9197, -55.1449



82.5610, 15.9924, 3.8930

Complementary

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



80.0450, -18.2632, 24.5165



70.9550, 18.2632, -24.5165

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.



77.8890, 21.7467, -21.8277



80.0450, -18.2632, 24.5165



65.2730, 19.0924, -57.2444

Square

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



80.0450, -18.2632, 24.5165



72.4560, -5.1548, -26.7099



64.5210, 26.3651, -56.5849



83.2060, 7.7864, 22.6213

Rectangle

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



80.0450, -18.2632, 24.5165



77.2930, -17.8924, -1.1340



64.5210, 26.3651, -56.5849



81.7880, 18.3455, -4.1991

Sweetspot

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



80.0450, -18.2632, 24.5165



129.5190, -7.1579, 9.1918



66.5390, 6.1433, 36.3613



64.5940, -4.2368, 5.6181



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



80.0450, -18.2632, 24.5165



96.7880, -28.4895, 37.8969



98.8290, -27.5237, 8.0430



51.5550, -1.7526, 2.1443



66.6810, -32.8737, 44.1298



139.5860, -68.8159, 92.4481

Inverse Universe

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



70.9550, 18.2632, -24.5165



82.7990, 28.2001, -38.4117



52.1710, 27.5237, -8.0430



50.4450, 1.7526, -2.1443



50.3190, 32.8737, -44.1298



105.4140, 68.8159, -92.4481

Previews

White Background



This preview shows how the YUV color 80.0450, -18.2632, 24.5165 looks on a white background.

Color Contrast Check

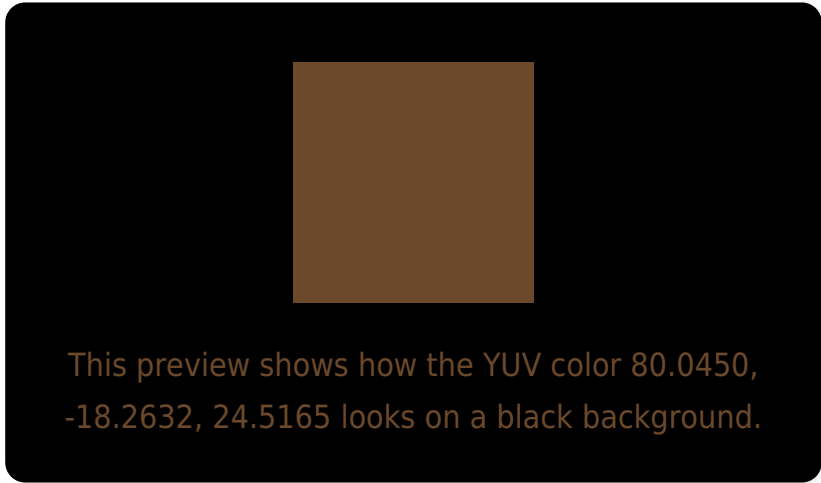
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

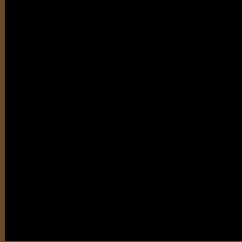
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0450, -18.2632, 24.5165

Background



This preview shows how black text looks on a background with the YUV color 80.0450, -18.2632, 24.5165.



This preview shows how white text looks on a background with the YUV color 80.0450, -18.2632,

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

80.0450, -18.2632, 24.5165

Protanopia

79.4020, -16.4672, 8.4174

Deuteranopia

79.5880, -18.5309, 17.0243



Tritanopia

81.8290, -3.8597, 24.7060

Trichromacy



Original Color

80.0450, -18.2632, 24.5165

Protanomaly

79.6200, -17.0677, 14.3653

Deuteranomaly

79.8980, -18.6837, 19.3835

Tritanomaly

80.8630, -8.8065, 24.6761

Monochromacy



Original Color

80.0450, -18.2632, 24.5165

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.7470, -6.2843, 8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0450, -18.2632, 24.5165 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(108, 73, 43)` looks like.

```
.text, #text, p{  
    color:rgb(108, 73, 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(108, 73, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 73, 43) }
```

Border

The CSS property to change the border of an element to YUV 80.0450, -18.2632, 24.5165 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(108, 73, 43) }
```


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

```
.border{ border-color:rgb(108, 73, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 73, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 73, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 73, 43);  
box-shadow:4px 4px 4px 4px rgb(108, 73,  
43) }
```

Background

The CSS property to change the background color of an element to YUV 80.0450, -18.2632, 24.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 73, 43) }
```

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

```
.background{ background-color: rgb(108, 73,  
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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