

Converting Colors

YUV(80.8130, -23.0788,
29.1050)

Have a look what the booklet for
YUV(80.8130, -23.0788, 29.1050)
contains.

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Color

**YUV(80.8130, -23.0788,
29.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	724922
RGB	114, 73, 34
RGB Percent	45%, 29%, 13%
CMY	0.5529, 0.7137, 0.8667
CMYK	0.00, 0.36, 0.70, 0.55
HSL	29°, 54%, 29%
HSV	29°, 70%, 45%
XYZ	9.6107, 8.4580, 2.6394
YIQ	80.8130, 36.9550, -3.4370

Conversions

Conversions Part 2

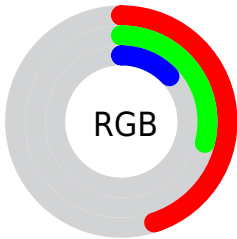
Format	Color
R _Y B	114, 110, 34
Decimal	7489826
CIE Lab	34.92, 13.46, 29.91
CIE LCh	35, 32.799, 65.770
Yxy	8.4580, 0.4641, 0.4084
Android (android.graphics.Color)	4285679906 (0xFF724922)
YUV	80.8130, -23.0788, 29.1050
Hunter-Lab	29.0826, 8.0929, 14.9770

Details

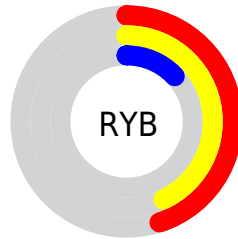
The YUV color **80.8130, -23.0788, 29.1050** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **67.1870, 23.0788, -29.1050**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2650, -25.2736, 33.0936**, and **35.5610, -17.5316, 23.1870** is the 20% darker color. If you saturate the color by 10%, you get **76.0370, -26.1472, 33.2936**, and if you desaturate by 10%, it is **85.5890, -20.0104, 24.9164**.

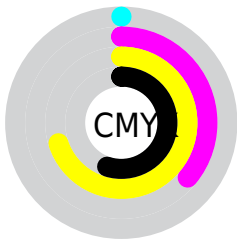
Distribution



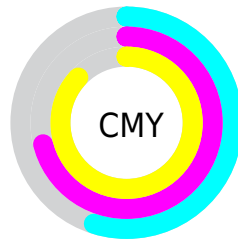
- Red (45%)
- Green (29%)
- Blue (13%)



- Red (45%)
- Yellow (43%)
- Blue (13%)



- Cyan (0%)
- Magenta (36%)
- Yellow (70%)
- Black (55%)



- Cyan (55%)
- Magenta (71%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8130, -23.0788, 29.1050 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 80.8130, -23.0788, 29.1050 by changing the saturation by 10% instead.

80.8130, -23.0788,
29.1050

80.8130, -23.0788,
29.1050

255.0000, 0.0000,
0.0000

57.0300, -22.1998,
27.1607

131.2650,
-25.2736, 33.0936

35.5610, -17.5316,
23.1870

157.7490,
-26.0053, 34.4231

15.4710, -7.6272,
19.7579

184.5320,
-26.8843, 36.3674

0.0000, 0.0000,
0.0000

212.6030,
-27.9053, 37.1822

232.1170,
-24.2147, 20.0684

249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

80.8130, -23.0788,
29.1050

80.8130, -23.0788,
29.1050

76.0370, -26.1472,
33.2936

85.5890, -20.0104,
24.9164

71.1470, -29.6525,
37.5821

90.4790, -16.5051,
20.6279

66.9580, -33.0103,
41.2558

95.2550, -13.4367,
16.4394

99.5580, -9.6421,
12.6656

104.3340, -6.5737,
8.4771

■ 109.1100, -3.5052,
4.2885

■ 114.0000, 0.0000,
0.0000

■ 118.7760, 3.0684,
-4.1886

■ 123.6660, 6.5737,
-8.4771

Harmonies

Analogous

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



81.8820, -14.2388, 40.4455



80.8130, -23.0788, 29.1050



78.7200, -25.4980, 11.6466

Triad

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



80.8130, -23.0788, 29.1050



65.6830, 10.5093, -57.6040



84.0110, 20.2076, 5.2524

Complementary

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



80.8130, -23.0788, 29.1050



67.1870, 23.0788, -29.1050

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.



76.8540, 28.1730, -29.6900



80.8130, -23.0788, 29.1050



67.9460, 21.7186, -59.5886

Square

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



80.8130, -23.0788, 29.1050



69.4930, -4.6800, -39.0204



68.1230, 30.0124, -59.7439



84.1190, 9.8013, 29.7136

Rectangle

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



80.8130, -23.0788, 29.1050



77.2560, -21.8182, -1.9785



68.1230, 30.0124, -59.7439



82.9280, 22.7135, -5.1989

Sweetspot

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



80.8130, -23.0788, 29.1050



135.0740, -8.9105, 11.3361



62.5940, 6.1162, 45.0831



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.



80.8130, -23.0788, 29.1050



96.2960, -35.6419, 45.3444



104.2930, -34.6544, 8.5130



53.5550, -1.7526, 2.1443



69.9260, -34.4735, 43.9149



144.8800, -71.4258, 89.5592

Inverse Universe

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



67.1870, 23.0788, -29.1050



75.1170, 35.9313, -44.8296



43.7070, 34.6544, -8.5130



52.4450, 1.7526, -2.1443



49.4870, 34.7629, -43.4001



102.7070, 71.1364, -90.0740

Previews

White Background



This preview shows how the YUV color 80.8130, -23.0788, 29.1050 looks on a white background.

Color Contrast Check

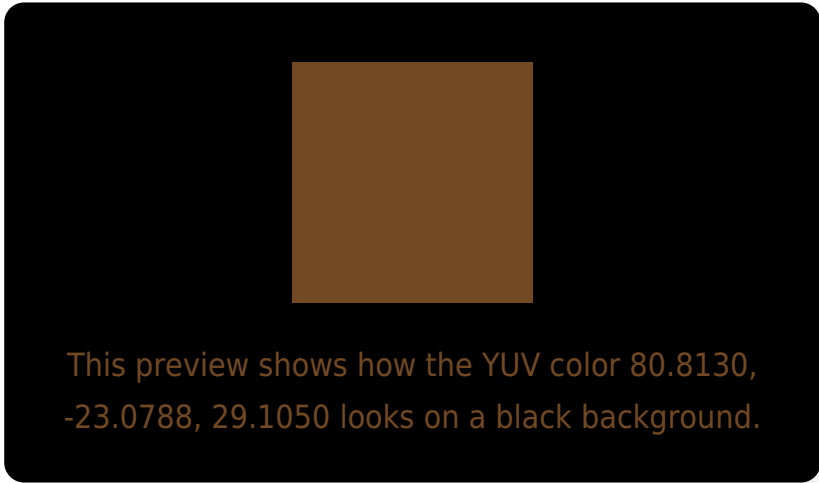
Large Text (above 18pt) WCAG AA ✓ Pass

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

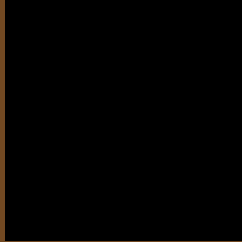
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8130, -23.0788, 29.1050

Background



This preview shows how black text looks on a background with the YUV color 80.8130, -23.0788, 29.1050.



This preview shows how white text looks on a background with the YUV color 80.8130, -23.0788,

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

80.8130, -23.0788, 29.1050

Protanopia

80.4470, -21.4194, 10.1320

Deuteranopia

80.2310, -23.7779, 19.9684



Tritanopia

83.6230, -4.7441, 28.3946

Trichromacy



Original Color

80.8130, -23.0788, 29.1050

Protanomaly

80.3770, -21.8779, 17.2094

Deuteranomaly

80.3670, -23.3519, 23.3571

Tritanomaly

82.2010, -11.4381, 28.7647

Monochromacy



Original Color

80.8130, -23.0788, 29.1050

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8890, -8.3263, 10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8130, -23.0788, 29.1050 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(114, 73, 34)` looks like.

```
.text, #text, p{  
    color:rgb(114, 73, 34)  
}
```

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(114, 73, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 73, 34) }
```

Border

The CSS property to change the border of an element to YUV 80.8130, -23.0788, 29.1050 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(114, 73, 34) }
```


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

```
.border{ border-color:rgb(114, 73, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 73, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 73, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 73, 34);  
box-shadow:4px 4px 4px 4px rgb(114, 73,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 80.8130, -23.0788, 29.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 73, 34) }
```

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

```
.background{ background-color: rgb(114, 73,  
34) }
```

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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