

Converting Colors

YUV(82.8270, -24.0717,
67.6807)

Have a look what the booklet for
YUV(82.8270, -24.0717, 67.6807)
contains.

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Color

**YUV(82.8270, -24.0717,
67.6807)**

Conversions

Conversions Part 1

Format	Color
Hex	A03522
RGB	160, 53, 34
RGB Percent	63%, 21%, 13%
CMY	0.3725, 0.7922, 0.8667
CMYK	0.00, 0.67, 0.79, 0.37
HSL	9°, 65%, 38%
HSV	9°, 79%, 63%
XYZ	16.0590, 10.1353, 2.6233
YIQ	82.8270, 69.8710, 16.7750

Conversions

Conversions Part 2

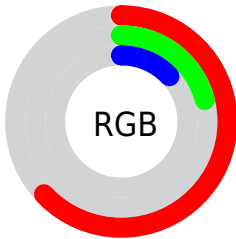
Format	Color
RYB	160, 56, 34
Decimal	10499362
CIELab	38.08, 43.30, 35.48
CIELCh	38, 55.979, 39.338
Yxy	10.1353, 0.5573, 0.3517
Android (android.graphics.Color)	4288689442 (0xFFA03522)
YUV	82.8270, -24.0717, 67.6807
Hunter-Lab	31.8360, 34.3280, 17.3997

Details

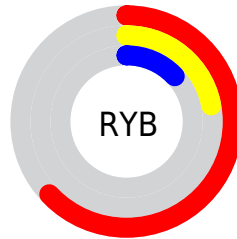
The YUV color **82.8270, -24.0717, 67.6807** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **111.1730, 24.0717, -67.6807**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8340, -28.0192, 73.8136**, and **30.1990, -14.8881, 62.0925** is the 20% darker color. If you saturate the color by 10%, you get **72.7850, -27.0090, 76.4876**, and if you desaturate by 10%, it is **92.8690, -21.1344, 58.8739**.

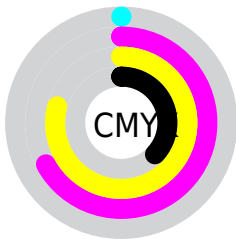
Distribution



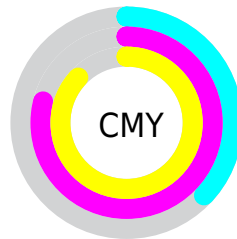
- Red (63%)
- Green (21%)
- Blue (13%)



- Red (63%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (37%)



- Cyan (37%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.8270, -24.0717, 67.6807 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 82.8270, -24.0717, 67.6807 by changing the saturation by 10% instead.

82.8270, -24.0717,
67.6807

82.8270, -24.0717,
67.6807

255.0000, 0.0000,
0.0000

54.9130, -21.1561,
65.8513

136.8340,
-28.0192, 73.8136

30.1990, -14.8881,
62.0925

164.6880,
-29.9192, 76.5726

21.5280, -10.6133,
44.2639

184.3980,
-26.8182, 61.9180

13.9820, -5.9071,
28.0798

203.7980,
-23.5644, 44.9042

0.0000, 0.0000,
0.0000

223.3120,
-19.8738, 27.7904

243.5270,

-16.0358, 10.0618

253.1760, -6.9888,
1.5996

82.8270, -24.0717,
67.6807

82.8270, -24.0717,
67.6807

72.7850, -27.0090,
76.4876

92.8690, -21.1344,
58.8739

63.3300, -30.2357,
84.7796

102.3240,
-17.9077, 50.5819

61.9280, -30.5305,
86.0091

112.3660,
-14.9704, 41.7750

121.8210,
-11.7438, 33.4830

131.8630, -8.8065,
24.6761

■ 141.9050, -5.8692,
15.8693

■ 151.3600, -2.6425,
7.5773

■ 161.4020, 0.2948,
-1.2296

■ 170.8570, 3.5215,
-9.5216

Harmonies

Analogous

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



79.9680, -0.9702, 78.0811



82.8270, -24.0717, 67.6807



84.6780, -41.7463, 43.2554

Triad

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



82.8270, -24.0717, 67.6807



69.7800, -6.7935, -61.1971



73.9370, 52.2891, -64.8427

Complementary

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



82.8270, -24.0717, 67.6807



111.1730, 24.0717, -67.6807

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.



80.4110, 46.6324, -70.5204



82.8270, -24.0717, 67.6807



76.3120, 13.1572, -66.9256

Square

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



82.8270, -24.0717, 67.6807



73.5570, -35.2776, -25.0445



80.6270, 32.2289, -70.7099



91.6220, 33.7104, 14.3635

Rectangle

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



82.8270, -24.0717, 67.6807



83.9590, -41.3918, 22.8380



80.6270, 32.2289, -70.7099



76.9860, 51.2789, -67.5167

Sweetspot

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



82.8270, -24.0717, 67.6807



178.0590, -9.3961, 27.1353



83.8720, 28.1641, 66.7643



86.2040, -6.0166, 16.4841



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



82.8270, -24.0717, 67.6807



87.1110, -38.0157, 106.8967



119.8080, -42.3033, 35.2484



73.9790, -1.4686, 4.4034



55.6710, -27.4458, 76.5875



5.6590, -2.7899, 8.1921

Inverse Universe

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



111.1730, 24.0717, -67.6807



131.8890, 38.0157, -106.8967



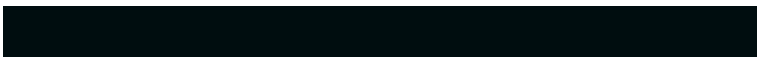
74.1920, 42.3033, -35.2484



76.0210, 1.4686, -4.4034



87.3290, 27.4458, -76.5875



9.3410, 2.7899, -8.1921

Previews

White Background



This preview shows how the YUV color 82.8270, -24.0717, 67.6807 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 × Fail

Black Background



This preview shows how the YUV color 82.8270, -24.0717, 67.6807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

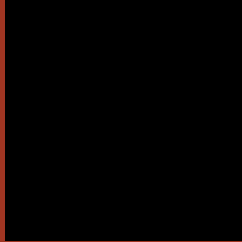
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.8270, -24.0717, 67.6807

Background



This preview shows how black text looks on a background with the YUV color 82.8270, -24.0717, 67.6807.



This preview shows how white text looks on a background with the YUV color 82.8270, -24.0717,

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

82.8270, -24.0717, 67.6807

Protanopia

88.4470, -21.4194, 10.1320

Deuteranopia

87.4180, -30.7721, 23.3124



Tritanopia

84.1180, -15.3412, 67.4255

Trichromacy



Original Color

82.8270, -24.0717, 67.6807

Protanomaly

86.3510, -22.3580, 31.2642

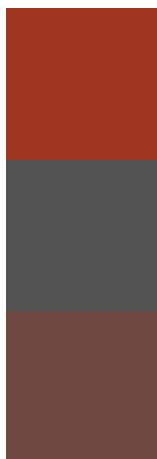
Deuteranomaly

85.7990, -28.4949, 39.6413

Tritanomaly

83.9070, -18.6882, 67.6106

Monochromacy



Original Color

82.8270, -24.0717, 67.6807

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8630, -8.8065, 24.6761

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.8270, -24.0717, 67.6807 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(160, 53, 34)` looks like.

```
.text, #text, p{  
    color:rgb(160, 53, 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(160, 53, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 53, 34) }
```

Border

The CSS property to change the border of an element to YUV 82.8270, -24.0717, 67.6807 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(160, 53, 34) }
```


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

```
.border{ border-color:rgb(160, 53, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 53, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 53, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 53, 34);  
box-shadow:4px 4px 4px 4px rgb(160, 53,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 82.8270, -24.0717, 67.6807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 53, 34) }
```

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

```
.background{ background-color: rgb(160, 53,  
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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