

Converting Colors

YUV(72.1270, 28.0384, 60.4016)

Have a look what the booklet for
YUV(72.1270, 28.0384, 60.4016)
contains.

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Color

**YUV(72.1270, 28.0384,
60.4016)**

Conversions

Conversions Part 1

Format	Color
Hex	8D1A81
RGB	141, 26, 129
RGB Percent	55%, 10%, 51%
CMY	0.4471, 0.8980, 0.4941
CMYK	0.00, 0.82, 0.09, 0.45
HSL	306°, 69%, 33%
HSV	306°, 82%, 55%
XYZ	15.3163, 7.9865, 21.5032
YIQ	72.1270, 35.4770, 56.4130

Conversions

Conversions Part 2

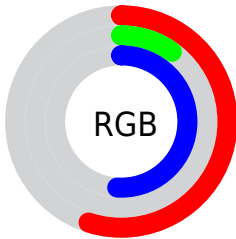
Format	Color
RYB	141, 26, 129
Decimal	9247361
CIELab	33.95, 56.77, -30.34
CIELCh	34, 64.365, 331.876
Yxy	7.9865, 0.3418, 0.1782
Android (android.graphics.Color)	4287437441 (0xFF8D1A81)
YUV	72.1270, 28.0384, 60.4016
Hunter-Lab	28.2604, 47.2864, -25.3312

Details

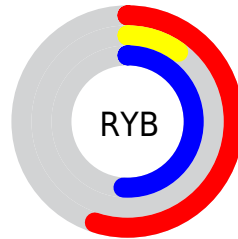
The YUV color **72.1270, 28.0384, 60.4016** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **94.8730, -28.0384, -60.4016**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.4320, 25.4230, 59.2571**, and **35.0190, 21.6826, 45.5873** is the 20% darker color. If you saturate the color by 10%, you get **63.7950, 31.6531, 67.7088**, and if you desaturate by 10%, it is **80.4590, 24.4237, 53.0945**.

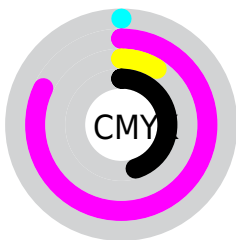
Distribution



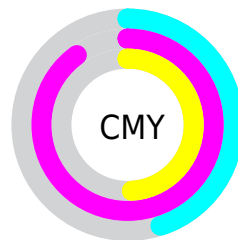
- Red (55%)
- Green (10%)
- Blue (51%)



- Red (55%)
- Yellow (10%)
- Blue (51%)



- Cyan (0%)
- Magenta (82%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (90%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.1270, 28.0384, 60.4016 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 72.1270, 28.0384, 60.4016 by changing the saturation by 10% instead.

72.1270, 28.0384,
60.4016

72.1270, 28.0384,
60.4016

255.0000, 0.0000,
0.0000

45.9420, 28.6226,
59.6869

130.4320, 25.4230,
59.2571

35.0190, 21.6826,
45.5873

158.1440, 25.5650,
60.3867

24.6230, 15.4689,
31.9026

185.6710, 26.2912,
60.8015

14.3410, 9.6919,
18.1179

203.9310, 25.1770,
44.7875

0.7980, 3.0576,
-0.6998

220.9540, 16.7847,
29.8583

0.0000, 0.0000,
0.0000

237.9770, 8.3923,

14.9292

■ 72.1270, 28.0384,
60.4016

■ 72.1270, 28.0384,
60.4016

■ 63.7950, 31.6531,
67.7088

■ 80.4590, 24.4237,
53.0945

■ 56.5230, 34.2522,
74.0863

■ 88.9050, 21.2458,
45.6873

■ 97.2370, 17.6312,
38.3802

■ 105.6830, 14.4533,
30.9730

■ 114.6020, 10.5492,
23.1510

■ 123.0480, 7.3713,
15.7439

■ 131.3800, 3.7567,
8.4367

■ 139.8260, 0.5788,
1.0296

■ 148.1580, -3.0359,
-6.2776

Harmonies

Analogous

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



79.1450, 43.8055, -3.6352



72.1270, 28.0384, 60.4016



58.3410, 10.1849, 93.5399

Triad

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



72.1270, 28.0384, 60.4016



75.0770, -37.0130, 18.3495



74.4490, 28.8656, -65.2918

Complementary

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



72.1270, 28.0384, 60.4016



94.8730, -28.0384, -60.4016

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.



68.0480, 6.8783, -59.6781



72.1270, 28.0384, 60.4016



66.5620, -32.8151, -21.5409

Square

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



72.1270, 28.0384, 60.4016



73.8240, -36.3952, 53.6514



60.4900, -17.0036, -53.0497



76.4330, 46.6215, -67.0317

Rectangle

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



72.1270, 28.0384, 60.4016



54.2800, -4.0820, 96.2244



60.4900, -17.0036, -53.0497



72.6250, 21.8769, -63.6921

Sweetspot

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



72.1270, 28.0384, 60.4016



157.6020, 10.5492, 23.1510



42.3990, 48.6103, -4.7349



75.8090, 6.5032, 14.1995



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



72.1270, 28.0384, 60.4016



76.1740, 43.7912, 94.5634



65.6290, 3.1409, 66.1004



66.8910, 2.0257, 3.6036



54.1590, 32.9526, 70.8976



3.1900, 1.8783, 4.2184

Inverse Universe

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



72.1270, 28.0384, 60.4016



76.1740, 43.7912, 94.5634



101.3710, -3.1409, -66.1004



66.8910, 2.0257, 3.6036



54.1590, 32.9526, 70.8976



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 72.1270, 28.0384, 60.4016 looks on a white background.

Color Contrast Check

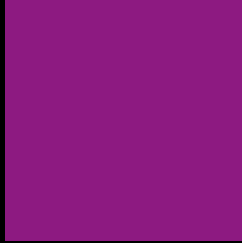
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.1270, 28.0384, 60.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

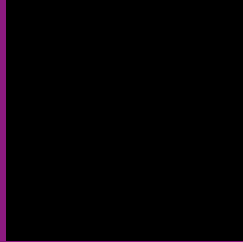
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.1270, 28.0384, 60.4016

Background



This preview shows how black text looks on a background with the YUV color 72.1270, 28.0384, 60.4016.



This preview shows how white text looks on a background with the YUV color 72.1270, 28.0384,

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

72.1270, 28.0384, 60.4016

Protanopia

64.8240, 50.3728, -56.8506

Deuteranopia

80.2920, 20.5620, -15.1651



Tritanopia

79.0770, -9.8980, 48.1675

Trichromacy



Original Color

72.1270, 28.0384, 60.4016

Protanomaly

67.3240, 42.2383, -14.3161

Deuteranomaly

77.2660, 23.5329, 12.0447

Tritanomaly

76.3670, 3.7631, 53.1751

Monochromacy



Original Color

72.1270, 28.0384, 60.4016

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8900, 10.4072, 22.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.1270, 28.0384, 60.4016 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(141, 26, 129)` looks like.

```
.text, #text, p{  
    color:rgb(141, 26, 129)  
}
```

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(141, 26, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 26, 129) }
```

Border

The CSS property to change the border of an element to YUV 72.1270, 28.0384, 60.4016 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(141, 26, 129) }
```


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

```
.border{ border-color:rgb(141, 26, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 26, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 26, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 26, 129);  
box-shadow:4px 4px 4px 4px rgb(141, 26,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 72.1270, 28.0384, 60.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 26, 129) }
```

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

```
.background{ background-color: rgb(141, 26,  
129) }
```

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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