

Converting Colors

YUV(72.2820, 2.3260, 0.6297)

Have a look what the booklet for
YUV(72.2820, 2.3260, 0.6297)
contains.

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Color

**YUV(72.2820, 2.3260,
0.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	49474D
RGB	73, 71, 77
RGB Percent	29%, 28%, 30%
CMY	0.7137, 0.7216, 0.6980
CMYK	0.05, 0.08, 0.00, 0.70
HSL	260°, 4%, 29%
HSV	260°, 8%, 30%
XYZ	6.3404, 6.4588, 7.9337
YIQ	72.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

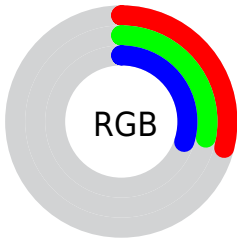
Format	Color
RYB	73, 71, 77
Decimal	4802381
CIELab	30.54, 2.17, -3.29
CIElCh	31, 3.943, 303.429
Yxy	6.4588, 0.3058, 0.3115
Android (android.graphics.Color)	4282992461 (0xFF49474D)
YUV	72.2820, 2.3260, 0.6297
Hunter-Lab	25.4141, 0.0585, -0.7190

Details

The YUV color **72.2820, 2.3260, 0.6297** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.7180, -2.3260, -0.6297**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6950, 2.6154, 1.1445**, and **28.8690, 2.0366, 0.1149** is the 20% darker color. If you saturate the color by 10%, you get **66.0910, 5.3781, 1.6742**, and if you desaturate by 10%, it is **78.4730, -0.7262, -0.4148**.

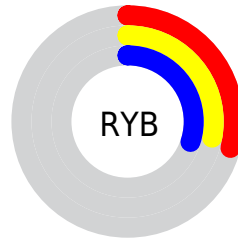
Distribution



Red (29%)

Green (28%)

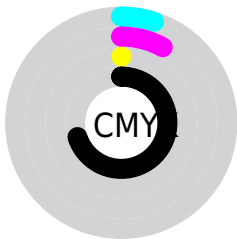
Blue (30%)



Red (29%)

Yellow (28%)

Blue (30%)

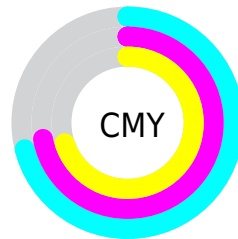


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (70%)



Cyan (71%)

Magenta (72%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2820, 2.3260, 0.6297 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 72.2820, 2.3260, 0.6297 by changing the saturation by 10% instead.

■ 72.2820, 2.3260,
0.6297

■ 72.2820, 2.3260,
0.6297

■ 255.0000, 0.0000,
0.0000

■ 50.1680, 1.8892,
0.7297

■ 120.6950, 2.6154,
1.1445

■ 28.8690, 2.0366,
0.1149

■ 146.3960, 2.7628,
0.5297

■ 2.9230, 3.4890,
0.9445

■ 172.6950, 2.6154,
1.1445

■ 0.0000, 0.0000,
0.0000

■ 200.3960, 2.7628,
0.5297

■ 228.3960, 2.7628,
0.5297

72.2820, 2.3260,
0.6297

72.2820, 2.3260,
0.6297

66.0910, 5.3781,
1.6742

78.4730, -0.7262,
-0.4148

60.4870, 8.1409,
2.2039

84.0770, -3.4890,
-0.9445

54.2960, 11.1931,
3.2484

90.2680, -6.5411,
-1.9890

47.8060, 14.3926,
3.6781

96.7580, -9.7407,
-2.4188

42.2020, 17.1554,
4.2078

102.9490,
-12.7929, -3.4633

36.0110, 20.2076,
5.2524

108.5530,
-15.5556, -3.9930

29.8200, 23.2597,
6.2969

114.7440,
-18.6078, -5.0375

23.6290, 26.3119,

120.9350,

7.3414

-21.6600, -6.0820

■ 18.0250, 29.0747,
7.8711

■ 126.5390,
-24.4227, -6.6117

Harmonies

Analogous

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



71.7870, 3.0630, -2.4442



72.2820, 2.3260, 0.6297



72.3640, 1.2995, 3.1888

Triad

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



72.2820, 2.3260, 0.6297



72.2240, -3.0684, 4.1886



71.0810, 0.4531, -5.3330

Complementary

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



72.2820, 2.3260, 0.6297



75.7180, -2.3260, -0.6297

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.



70.7500, -0.8628, -3.2887



72.2820, 2.3260, 0.6297



71.9140, -2.9156, 1.8294

Square

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



72.2820, 2.3260, 0.6297



72.5770, -1.7635, 5.6330



71.7180, -2.3260, -0.6297



71.1240, 1.9109, -6.2477

Rectangle

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



72.2820, 2.3260, 0.6297



72.7340, 0.1311, 4.6183



71.7180, -2.3260, -0.6297



71.2660, -0.1311, -4.6183

Sweetspot

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



72.2820, 2.3260, 0.6297



97.5270, 0.7262, 0.4148



74.0320, 1.4632, -2.6591



50.1140, 0.4368, -0.1000



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



72.2820, 2.3260, 0.6297



91.9230, 3.4890, 0.9445



73.1790, 1.8838, 2.4740



35.0540, 1.4524, 0.8296



21.7940, 39.5416, 10.7047



48.9440, 89.2606, 23.7281

Inverse Universe

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



73.2500, 0.8628, 3.2887



93.3750, 1.2941, 4.9331



74.8210, -1.8838, -2.4740



35.5380, 0.7208, 2.1592



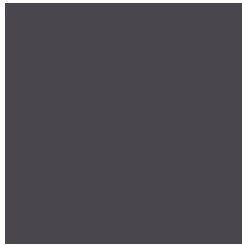
38.2500, 14.6668, 55.9087



86.2120, 32.9265, 126.1021

Previews

White Background



This preview shows how the YUV color 72.2820, 2.3260, 0.6297 looks on a white background.

Color Contrast Check

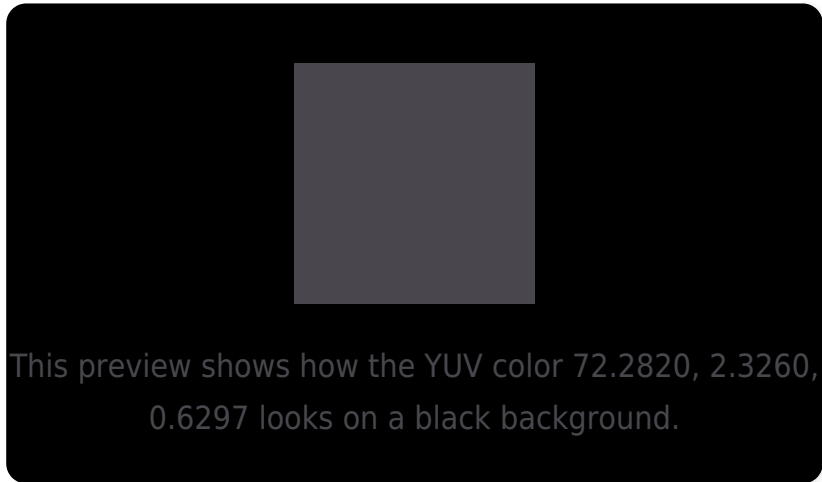
Large Text (above 18pt) WCAG AA ✓ Pass

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

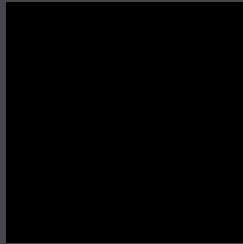
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2820, 2.3260, 0.6297

Background



This preview shows how black text looks on a background with the YUV color 72.2820, 2.3260, 0.6297.



This preview shows how white text looks on a background with the YUV color 72.2820, 2.3260,

0.6297.

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

72.2820, 2.3260, 0.6297

Protanopia

71.9830, 2.4734, 0.0149

Deuteranopia

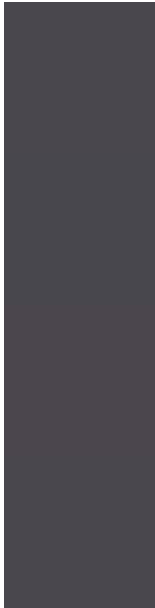
72.5920, 2.1731, 2.9888



Tritanopia

72.2820, 2.3260, 0.6297

Trichromacy



Original Color

72.2820, 2.3260, 0.6297

Protanomaly

71.9830, 2.4734, 0.0149

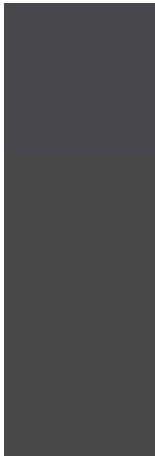
Deuteranomaly

72.2930, 2.3206, 2.3740

Tritanomaly

72.2820, 2.3260, 0.6297

Monochromacy



Original Color

72.2820, 2.3260, 0.6297

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2820, 2.3260, 0.6297 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(73, 71, 77)` looks like.

```
.text, #text, p{  
    color:rgb(73, 71, 77)  
}
```

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(73, 71, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 71, 77) }
```

Border

The CSS property to change the border of an element to YUV 72.2820, 2.3260, 0.6297 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(73, 71, 77) }
```


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

```
.border{ border-color:rgb(73, 71, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 71, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 71, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 71, 77);  
box-shadow:4px 4px 4px 4px rgb(73, 71, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2820, 2.3260, 0.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 71, 77) }
```

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

```
.background{ background-color: rgb(73, 71,  
77) }
```

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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