

Converting Colors

YUV(41.7380, 4.0732, 0.2298)

Have a look what the booklet for
YUV(41.7380, 4.0732, 0.2298)
contains.

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Color

**YUV(41.7380, 4.0732,
0.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	2A2832
RGB	42, 40, 50
RGB Percent	16%, 16%, 20%
CMY	0.8353, 0.8431, 0.8039
CMYK	0.16, 0.20, 0.00, 0.80
HSL	252°, 11%, 18%
HSV	252°, 20%, 20%
XYZ	2.2894, 2.2401, 3.3293
YIQ	41.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

Format	Color
RYB	42, 40, 50
Decimal	2762802
CIELab	16.70, 3.45, -6.16
CIELCh	17, 7.061, 299.246
Yxy	2.2401, 0.2913, 0.2850
Android (android.graphics.Color)	4280952882 (0xFF2A2832)
YUV	41.7380, 4.0732, 0.2298
Hunter-Lab	14.9670, 1.1112, -2.7119

Details

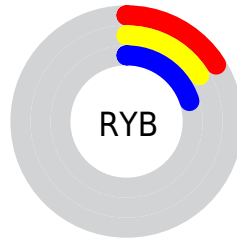
The YUV color **41.7380, 4.0732, 0.2298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.2620, -4.0732, -0.2298**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.8520, 4.5100, 0.1298**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **37.6070, 6.1097, 0.3447**, and if you desaturate by 10%, it is **45.8690, 2.0366, 0.1149**.

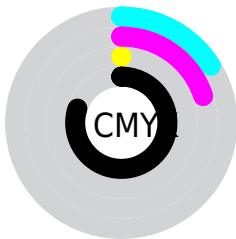
Distribution



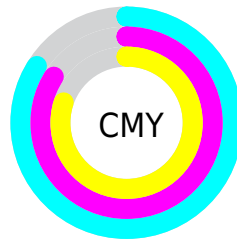
- Red (16%)
- Green (16%)
- Blue (20%)



- Red (16%)
- Yellow (16%)
- Blue (20%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.7380, 4.0732, 0.2298 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 41.7380, 4.0732, 0.2298 by changing the saturation by 10% instead.

■ 41.7380, 4.0732,
0.2298

■ 41.7380, 4.0732,
0.2298

■ 255.0000, 0.0000,
0.0000

■ 21.6240, 3.6364,
0.3298

■ 86.8520, 4.5100,
0.1298

■ 0.1140, 0.4368,
-0.1000

■ 111.2650, 4.7994,
0.6446

■ 0.0000, 0.0000,
0.0000

■ 136.9660, 4.9468,
0.0298

■ 162.9660, 4.9468,
0.0298

■ 190.3790, 5.2362,
0.5446

■ 217.4930, 5.6730,

0.4446

246.1510, 4.3626,
0.7446

41.7380, 4.0732,
0.2298

41.7380, 4.0732,
0.2298

37.6070, 6.1097,
0.3447

45.8690, 2.0366,
0.1149

33.4760, 8.1463,
0.4595

50.0000, 0.0000,
0.0000

29.3450, 10.1829,
0.5744

54.1310, -2.0366,
-0.1149

25.2140, 12.2195,
0.6893

58.2620, -4.0732,
-0.2298

21.0830, 14.2561,
0.8042

62.3930, -6.1097,
-0.3447

■ 16.9520, 16.2927,
0.9191

■ 66.5240, -8.1463,
-0.4595

■ 12.8210, 18.3292,
1.0340

■ 70.6550, -10.1829,
-0.5744

■ 8.6900, 20.3658,
1.1489

■ 74.7860, -12.2195,
-0.6893

■ 78.9170, -14.2561,
-0.8042

Harmonies

Analogous

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



40.9330, 4.9630, -5.2032



41.7380, 4.0732, 0.2298



41.9020, 2.0203, 5.3479

Triad

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



41.7380, 4.0732, 0.2298



41.6050, -4.2423, 7.3624



39.1730, 0.9007, -8.9217

Complementary

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



41.7380, 4.0732, 0.2298



48.2620, -4.0732, -0.2298

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.



40.0980, -2.0203, -5.3479



41.7380, 4.0732, 0.2298



41.0560, -4.9576, 3.4589

Square

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



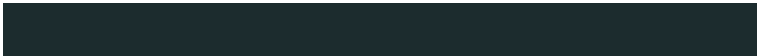
41.7380, 4.0732, 0.2298



42.0720, -2.5005, 8.7069



40.2620, -4.0732, -0.2298



39.4440, 3.2321, -10.0364

Rectangle

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



41.7380, 4.0732, 0.2298



42.1580, 0.4151, 6.8774



40.2620, -4.0732, -0.2298



39.5430, -0.2677, -7.4922

Sweetspot

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



41.7380, 4.0732, 0.2298



60.7550, 1.5998, 0.2149



45.8360, 2.0529, -5.1182



31.2280, 0.8736, -0.2000



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



41.7380, 4.0732, 0.2298



51.0200, 6.3991, 0.8595



43.2330, 3.3361, 3.3037



23.3420, 1.3104, -0.2999



15.5280, 36.2217, 2.1679



37.5950, 88.4467, 4.7402

Inverse Universe

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



43.9020, 2.0203, 5.3479



54.2660, 3.3199, 8.5367



46.7670, -3.3361, -3.3037



24.1250, 0.4314, 1.6444



34.7050, 17.8934, 47.6167



84.6050, 43.5787, 116.1104

Previews

White Background



This preview shows how the YUV color 41.7380, 4.0732, 0.2298 looks on a white background.

Color Contrast Check

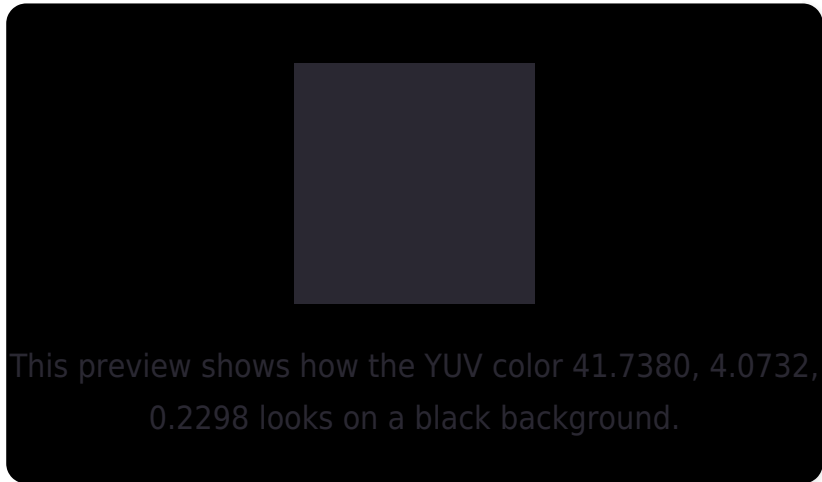
Large Text (above 18pt) WCAG AA ✓ Pass

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

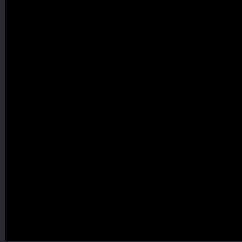
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.7380, 4.0732, 0.2298

Background



This preview shows how black text looks on a background with the YUV color 41.7380, 4.0732, 0.2298.



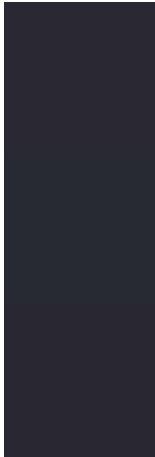
This preview shows how white text looks on a background with the YUV color 41.7380, 4.0732,

0.2298.

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

41.7380, 4.0732, 0.2298

Protanopia

41.5420, 4.6628, -2.2293

Deuteranopia

41.4390, 4.2206, -0.3850



Tritanopia

41.3420, 1.3104, -0.2999

Trichromacy



Original Color

41.7380, 4.0732, 0.2298

Protanomaly

41.8410, 4.5154, -1.6146

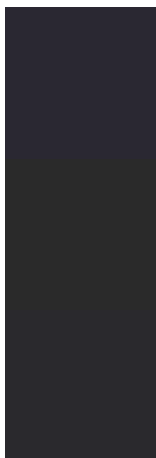
Deuteranomaly

41.4390, 4.2206, -0.3850

Tritanomaly

41.5700, 2.1840, -0.4999

Monochromacy



Original Color

41.7380, 4.0732, 0.2298

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.7380, 4.0732, 0.2298 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(42, 40, 50)` looks like.

```
.text, #text, p{  
    color:rgb(42, 40, 50)  
}
```

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(42, 40, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 40, 50) }
```

Border

The CSS property to change the border of an element to YUV 41.7380, 4.0732, 0.2298 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(42, 40, 50) }
```


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

```
.border{ border-color:rgb(42, 40, 50) }
```

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

Here you see how a box with a 4 pixel rgb(42, 40, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 40, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 40, 50);  
box-shadow:4px 4px 4px 4px rgb(42, 40, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.7380, 4.0732, 0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 40, 50) }
```

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

```
.background{ background-color: rgb(42, 40,  
50) }
```

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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