

Converting Colors

YUV(60.7380, 4.0732, 0.2298)

Have a look what the booklet for
YUV(60.7380, 4.0732, 0.2298)
contains.

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Color

**YUV(60.7380, 4.0732,
0.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3B45
RGB	61, 59, 69
RGB Percent	24%, 23%, 27%
CMY	0.7608, 0.7686, 0.7294
CMYK	0.12, 0.14, 0.00, 0.73
HSL	252°, 8%, 25%
HSV	252°, 14%, 27%
XYZ	4.5626, 4.5497, 6.2679
YIQ	60.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

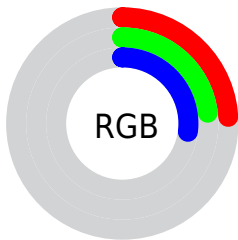
Format	Color
R _{YB}	61, 59, 69
Decimal	4012869
CIE Lab	25.41, 3.22, -5.83
CIE LCh	25, 6.656, 298.931
Yxy	4.5497, 0.2967, 0.2958
Android (android.graphics.Color)	4282202949 (0xFF3D3B45)
YUV	60.7380, 4.0732, 0.2298
Hunter-Lab	21.3300, 0.8546, -2.4916

Details


The YUV color **60.7380, 4.0732, 0.2298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.2620, -4.0732, -0.2298**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8520, 4.5100, 0.1298**, and **18.6240, 3.6364, 0.3298** is the 20% darker color. If you saturate the color by 10%, you get **54.8350, 6.9833, 0.1447**, and if you desaturate by 10%, it is **66.6410, 1.1630, 0.3148**.

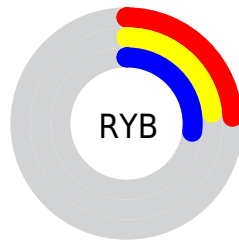
Distribution



 Red (24%)

 Green (23%)

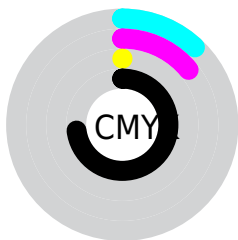
 Blue (27%)



 Red (24%)

 Yellow (23%)

 Blue (27%)

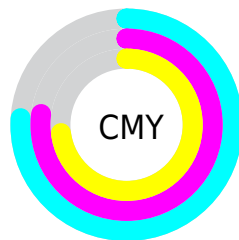


 Cyan (12%)

 Magenta (14%)

 Yellow (0%)

 Black (73%)



 Cyan (76%)

 Magenta (77%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7380, 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 60.7380, 4.0732, 0.2298 by changing the saturation by 10% instead.

■ 60.7380, 4.0732,
0.2298

■ 60.7380, 4.0732,
0.2298

■ 255.0000, 0.0000,
0.0000

■ 38.7380, 4.0732,
0.2298

■ 107.8520, 4.5100,
0.1298

■ 18.6240, 3.6364,
0.3298

■ 133.2650, 4.7994,
0.6446

■ 0.0000, 0.0000,
0.0000

■ 159.2650, 4.7994,
0.6446

■ 186.2650, 4.7994,
0.6446

■ 214.2650, 4.7994,
0.6446

■ 242.3790, 5.2362,

0.5446

■ 60.7380, 4.0732,
0.2298

■ 60.7380, 4.0732,
0.2298

■ 54.8350, 6.9833,
0.1447

■ 66.6410, 1.1630,
0.3148

■ 49.2310, 9.7461,
0.6744

■ 72.2450, -1.5998,
-0.2149

■ 43.3280, 12.6563,
0.5893

■ 78.1480, -4.5100,
-0.1298

■ 37.7240, 15.4191,
1.1191

■ 83.7520, -7.2727,
-0.6595

■ 32.4080, 18.0399,
0.5192

■ 89.6550, -10.1829,
-0.5744

■ 26.8040, 20.8026,
1.0489

■ 94.6720, -12.6563,
-0.5893

■ 20.9010, 23.7128,
0.9638

■ 100.5750,
-15.5665, -0.5043

■ 15.2970, 26.4756,
1.4935

■ 106.1790,
-18.3292, -1.0340

■ 12.0520, 28.0754,
1.7084

■ 112.0820,
-21.2394, -0.9489

Harmonies

Analogous

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



60.2320, 4.8156, -4.5885



60.7380, 4.0732, 0.2298



61.4890, 1.7309, 4.8331

Triad

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



60.7380, 4.0732, 0.2298



60.6050, -4.2423, 7.3624



58.4720, 0.7533, -8.3069

Complementary

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



60.7380, 4.0732, 0.2298



67.2620, -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.



59.0980, -2.0203, -5.3479



60.7380, 4.0732, 0.2298



60.3550, -5.1050, 4.0737

Square

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



60.7380, 4.0732, 0.2298



61.0720, -2.5005, 8.7069



59.2620, -4.0732, -0.2298



58.4440, 3.2321, -10.0364

Rectangle

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



60.7380, 4.0732, 0.2298



61.1580, 0.4151, 6.8774



59.2620, -4.0732, -0.2298



58.5430, -0.2677, -7.4922

Sweetspot

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



60.7380, 4.0732, 0.2298



86.3420, 1.3104, -0.2999



64.8360, 2.0529, -5.1182



44.2280, 0.8736, -0.2000



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



60.7380, 4.0732, 0.2298



76.6070, 6.1097, 0.3447



62.2330, 3.3361, 3.3037



32.7550, 1.5998, 0.2149



17.2660, 40.2949, 2.3977



39.3330, 92.5198, 4.9700

Inverse Universe

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



62.9020, 2.0203, 5.3479



79.8530, 3.0305, 8.0219



65.7670, -3.3361, -3.3037



33.5380, 0.7208, 2.1592



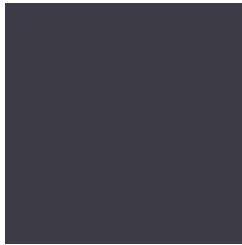
38.7210, 20.3505, 52.8647



88.6210, 46.0358, 121.3584

Previews

White Background



This preview shows how the YUV color 60.7380, 4.0732, 0.2298 looks on a white background.

Color Contrast Check

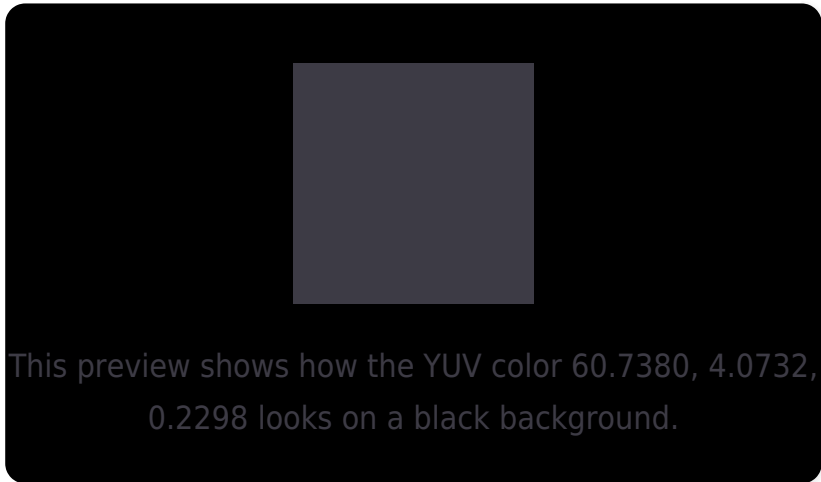
Large Text (above 18pt) WCAG AA ✓ Pass

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

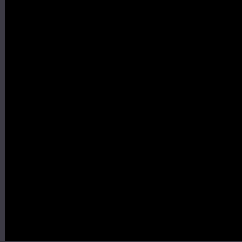
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.7380, 4.0732, 0.2298

Background



This preview shows how black text looks on a background with the YUV color 60.7380, 4.0732, 0.2298.



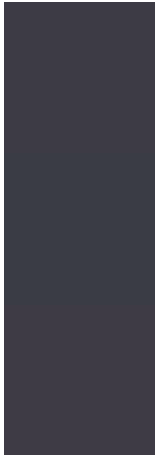
This preview shows how white text looks on a background with the YUV color 60.7380, 4.0732,

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

60.7380, 4.0732, 0.2298

Protanopia

60.4280, 4.2260, -2.1294

Deuteranopia

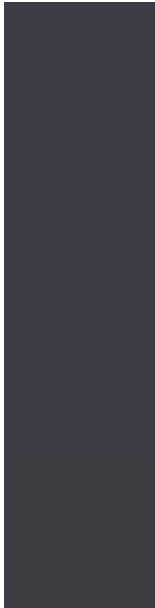
61.0370, 3.9258, 0.8446



Tritanopia

60.4560, 1.7472, -0.3999

Trichromacy



Original Color

60.7380, 4.0732, 0.2298

Protanomaly

60.7270, 4.0786, -1.5146

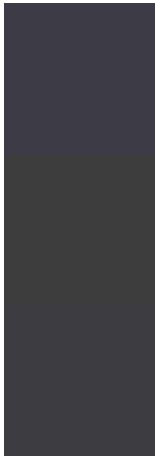
Deuteranomaly

61.0370, 3.9258, 0.8446

Tritanomaly

60.6840, 2.6208, -0.5999

Monochromacy



Original Color

60.7380, 4.0732, 0.2298

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7380, 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(61, 59, 69)` looks like.

```
.text, #text, p{  
    color:rgb(61, 59, 69)  
}
```

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(61, 59, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 59, 69) }
```

Border

The CSS property to change the border of an element to YUV 60.7380, 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(61, 59, 69) }
```


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

```
.border{ border-color:rgb(61, 59, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 59, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 59, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 59, 69);  
box-shadow:4px 4px 4px 4px rgb(61, 59, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.7380, 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(61, 59, 69) }
```

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

```
.background{ background-color: rgb(61, 59,  
69) }
```

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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