

Converting Colors

YUV(68.8200, 3.0467, 2.7889)

Have a look what the booklet for
YUV(68.8200, 3.0467, 2.7889)
contains.

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Color

**YUV(68.8200, 3.0467,
2.7889)**

Conversions

Conversions Part 1

Format	Color
Hex	48424B
RGB	72, 66, 75
RGB Percent	28%, 26%, 29%
CMY	0.7176, 0.7412, 0.7059
CMYK	0.04, 0.12, 0.00, 0.71
HSL	280°, 6%, 28%
HSV	280°, 12%, 29%
XYZ	5.8907, 5.7821, 7.4622
YIQ	68.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

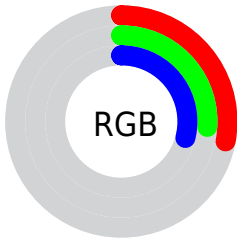
Format	Color
R_YB	72, 66, 75
Decimal	4735563
CIE Lab	28.86, 4.52, -4.51
CIE LCh	29, 6.387, 315.105
Yxy	5.7821, 0.3078, 0.3022
Android (android.graphics.Color)	4282925643 (0xFF48424B)
YUV	68.8200, 3.0467, 2.7889
Hunter-Lab	24.0461, 1.6474, -1.5671

Details

The YUV color **68.8200, 3.0467, 2.7889** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **72.1800, -3.0467, -2.7889**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9340, 3.4835, 2.6889**, and **25.7060, 2.6099, 2.8888** is the 20% darker color. If you saturate the color by 10%, you get **63.8140, 5.5147, 4.5481**, and if you desaturate by 10%, it is **74.4130, 0.2894, 0.5148**.

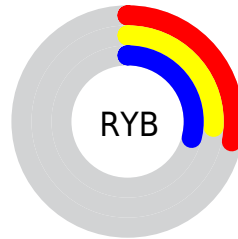
Distribution



 Red (28%)

 Green (26%)

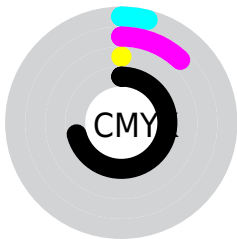
 Blue (29%)



 Red (28%)

 Yellow (26%)

 Blue (29%)

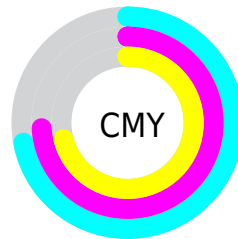


 Cyan (4%)


 Magenta (12%)

 Yellow (0%)

 Black (71%)



 Cyan (72%)

 Magenta (74%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.8200, 3.0467, 2.7889 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 68.8200, 3.0467, 2.7889 by changing the saturation by 10% instead.

■ 68.8200, 3.0467,
2.7889

■ 68.8200, 3.0467,
2.7889

■ 255.0000, 0.0000,
0.0000

■ 46.7060, 2.6099,
2.8888

■ 116.9340, 3.4835,
2.6889

■ 25.7060, 2.6099,
2.8888

■ 142.3470, 3.7729,
3.2037

■ 0.6840, 2.6208,
-0.5999

■ 169.2330, 3.3361,
3.3037

■ 0.0000, 0.0000,
0.0000

■ 196.3470, 3.7729,
3.2037

■ 224.3470, 3.7729,
3.2037

■ 251.4780, 1.7363,

3.0888

■ 68.8200, 3.0467,
2.7889

■ 68.8200, 3.0467,
2.7889

■ 63.8140, 5.5147,
4.5481

■ 74.4130, 0.2894,
0.5148

■ 58.5200, 8.1246,
7.4370

■ 79.1200, -2.0312,
-1.8592

■ 53.5140, 10.5926,
9.1962

■ 84.7130, -4.7885,
-4.1333

■ 48.2200, 13.2025,
12.0851

■ 89.4200, -7.1091,
-6.5073

■ 43.2140, 15.6705,
13.8443

■ 95.0130, -9.8664,
-8.7814

■ 37.9200, 18.2804,
16.7332

■ 99.7200, -12.1870,
-11.1554

■ 32.9140, 20.7484,
18.4924

■ 105.3130,
-14.9443, -13.4295

■ 27.6200, 23.3583,
21.3813

■ 110.0200,
-17.2649, -15.8035

■ 23.5000, 25.3895,
23.2405

■ 115.6130,
-20.0222, -18.0776

Harmonies

Analogous

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



68.4280, 4.2260, -2.1294



68.8200, 3.0467, 2.7889



69.2720, 0.8519, 6.7775

Triad

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



68.8200, 3.0467, 2.7889



68.1810, -4.5262, 5.1033



66.4010, 1.7743, -9.1217

Complementary

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



68.8200, 3.0467, 2.7889



72.1800, -3.0467, -2.7889

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.



66.7280, -0.8519, -6.7775



68.8200, 3.0467, 2.7889



67.2730, -4.0786, 1.5146

Square

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



68.8200, 3.0467, 2.7889



68.4310, -3.6635, 8.3920



67.1800, -3.0467, -2.7889



66.3840, 4.2477, -9.1068

Rectangle

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



68.8200, 3.0467, 2.7889



69.1150, -1.0427, 7.7921



67.1800, -3.0467, -2.7889



66.2870, 1.3375, -9.0217

Sweetspot

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



68.8200, 3.0467, 2.7889



94.3530, 1.3050, 1.4444



68.7870, 3.0630, -2.4442



46.8260, 0.5788, 1.0296



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



68.8200, 3.0467, 2.7889



87.2870, 4.7885, 4.1333



69.6030, 2.1677, 4.7332



35.3530, 1.3050, 1.4444



31.9600, 34.5297, 31.6071



71.9670, 77.9103, 71.0659

Inverse Universe

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



69.0330, -0.0163, 5.2331



87.7560, 0.1203, 8.1070



71.3970, -2.1677, -4.7332



35.4240, 0.2840, 2.2592



34.3740, -0.1844, 59.3080



77.5480, -0.2702, 133.7004

Previews

White Background



This preview shows how the YUV color 68.8200, 3.0467, 2.7889 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 68.8200, 3.0467, 2.7889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

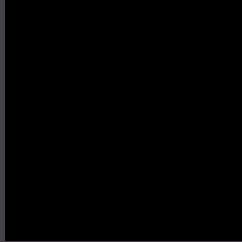
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.8200, 3.0467, 2.7889

Background



This preview shows how black text looks on a background with the YUV color 68.8200, 3.0467, 2.7889.



This preview shows how white text looks on a background with the YUV color 68.8200, 3.0467,

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

68.8200, 3.0467, 2.7889

Protanopia

68.6130, 3.6418, -1.4146

Deuteranopia

68.5210, 3.1941, 2.1741



Tritanopia

69.0650, 1.4470, 2.5740

Trichromacy



Original Color

68.8200, 3.0467, 2.7889

Protanomaly

68.6240, 3.6364, 0.3298

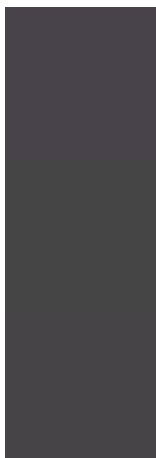
Deuteranomaly

68.5210, 3.1941, 2.1741

Tritanomaly

69.1790, 1.8838, 2.4740

Monochromacy



Original Color

68.8200, 3.0467, 2.7889

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.8200, 3.0467, 2.7889 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(72, 66, 75)` looks like.

```
.text, #text, p{  
    color:rgb(72, 66, 75)  
}
```

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(72, 66, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 66, 75) }
```

Border

The CSS property to change the border of an element to YUV 68.8200, 3.0467, 2.7889 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(72, 66, 75) }
```


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

```
.border{ border-color:rgb(72, 66, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 66, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 66, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 66, 75);  
box-shadow:4px 4px 4px 4px rgb(72, 66, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.8200, 3.0467, 2.7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 66, 75) }
```

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

```
.background{ background-color: rgb(72, 66,  
75) }
```

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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