

Converting Colors

YUV(73.8300, 4.5208, -3.3589)

Have a look what the booklet for
YUV(73.8300, 4.5208, -3.3589)
contains.

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Color

**YUV(73.8300, 4.5208,
-3.3589)**

Conversions

Conversions Part 1

Format	Color
Hex	464A53
RGB	70, 74, 83
RGB Percent	27%, 29%, 33%
CMY	0.7255, 0.7098, 0.6745
CMYK	0.16, 0.11, 0.00, 0.67
HSL	222°, 8%, 30%
HSV	222°, 16%, 33%
XYZ	6.5359, 6.8242, 9.1563
YIQ	73.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

Format	Color
R_{YB}	70, 73, 83
Decimal	4606547
CIE Lab	31.40, 0.52, -5.89
CIE LCh	31, 5.916, 275.050
Yxy	6.8242, 0.2903, 0.3031
Android (android.graphics.Color)	4282796627 (0xFF464A53)
YUV	73.8300, 4.5208, -3.3589
Hunter-Lab	26.1231, -1.0555, -2.4953

Details

The YUV color **73.8300, 4.5208, -3.3589** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **79.1700, -4.5208, 3.3589**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5310, 4.6682, -3.9737**, and **30.0150, 3.9366, -2.6442** is the 20% darker color. If you saturate the color by 10%, you get **67.9160, 7.4364, -5.1883**, and if you desaturate by 10%, it is **79.7440, 1.6052, -1.5295**.

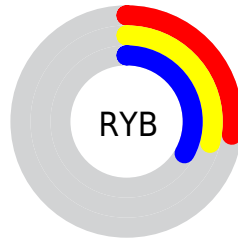
Distribution



Red (27%)

Green (29%)

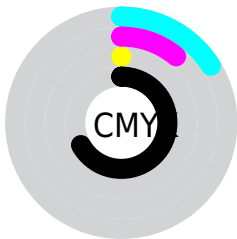
Blue (33%)



Red (27%)

Yellow (29%)

Blue (33%)

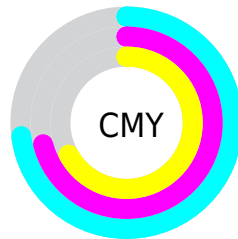


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (71%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8300, 4.5208, -3.3589 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 73.8300, 4.5208, -3.3589 by changing the saturation by 10% instead.

■ 73.8300, 4.5208,
-3.3589

■ 73.8300, 4.5208,
-3.3589

■ 255.0000, 0.0000,
0.0000

■ 51.1290, 4.3734,
-2.7441

■ 122.5310, 4.6682,
-3.9737

■ 30.0150, 3.9366,
-2.6442

■ 148.0580, 5.3944,
-3.5589

■ 4.9870, 6.4154,
-4.3736

■ 174.9440, 4.9576,
-3.4589

■ 0.0000, 0.0000,
0.0000

■ 202.0580, 5.3944,
-3.5589

■ 230.1720, 5.8312,
-3.6588

■ 73.8300, 4.5208,
-3.3589

■ 73.8300, 4.5208,
-3.3589

■ 67.9160, 7.4364,
-5.1883

■ 79.7440, 1.6052,
-1.5295

■ 62.2900, 10.2100,
-8.1473

■ 85.3700, -1.1684,
1.4295

■ 56.3760, 13.1256,
-9.9768

■ 91.2840, -4.0840,
3.2589

■ 50.4620, 16.0412,
-11.8062

■ 97.1980, -6.9996,
5.0884

■ 44.5480, 18.9568,
-13.6356

■ 103.1120, -9.9152,
6.9178

■ 38.9220, 21.7305,
-16.5946

■ 108.7380,
-12.6888, 9.8768

■ 33.0080, 24.6461,
-18.4240

■ 114.6520,
-15.6044, 11.7062

■ 27.0940, 27.5617,

■ 120.5660,

-20.2534

-18.5200, 13.5356

■ 24.7240, 28.7301,
-21.6829

■ 126.7790,
-21.5830, 15.9798

Harmonies

Analogous

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



72.8080, 4.5317, -6.8476



73.8300, 4.5208, -3.3589



74.2220, 3.3416, 1.5593

Triad

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



73.8300, 4.5208, -3.3589



74.6590, -2.7899, 8.1921



72.6250, -1.2941, -4.9331

Complementary

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



73.8300, 4.5208, -3.3589



79.1700, -4.5208, 3.3589

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.



73.0770, -3.4890, -0.9445



73.8300, 4.5208, -3.3589



74.0070, -3.9475, 6.1329

Square

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



73.8300, 4.5208, -3.3589



75.1150, -1.0427, 7.7921



73.8710, -4.3734, 2.7441



72.5860, 1.1901, -8.4069

Rectangle

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



73.8300, 4.5208, -3.3589



74.8910, 2.0257, 3.6036



73.8710, -4.3734, 2.7441



72.6960, -2.3151, -4.1184

Sweetspot

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



73.8300, 4.5208, -3.3589



103.1570, 1.8946, -1.0147



78.6570, 0.1691, -7.5922



51.0430, 1.4578, -0.9147



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



73.8300, 4.5208, -3.3589



92.8020, 6.9996, -5.0884



72.0800, 5.3836, -0.0702



38.0430, 1.4578, -0.9147



30.7540, 36.6033, -26.9713



68.1250, 80.7904, -59.7456

Inverse Universe

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



74.3430, -0.1691, 7.5922



93.6640, -0.3274, 11.6957



80.9200, -5.3836, 0.0702



38.3100, -0.1528, 2.3591



35.0430, -1.5002, 61.3523



77.4620, -3.1858, 135.5298

Previews

White Background



This preview shows how the YUV color 73.8300, 4.5208, -3.3589 looks on a white background.

Color Contrast Check

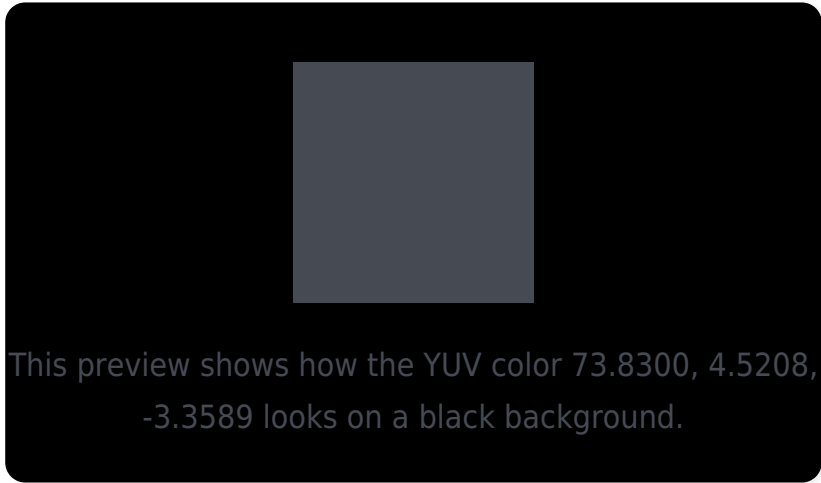
Large Text (above 18pt) WCAG AA ✓ Pass

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

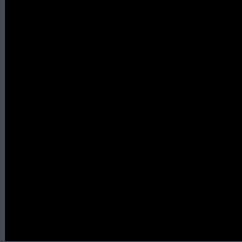
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

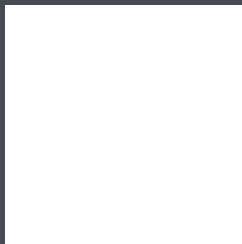
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.8300, 4.5208, -3.3589

Background



This preview shows how black text looks on a background with the YUV color 73.8300, 4.5208, -3.3589.



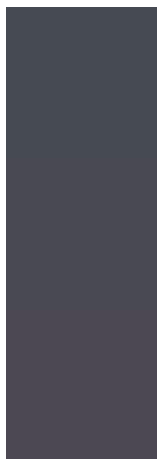
This preview shows how white text looks on a background with the YUV color 73.8300, 4.5208,

-3.3589.

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

73.8300, 4.5208, -3.3589

Protanopia

74.1400, 4.3680, -0.9998

Deuteranopia

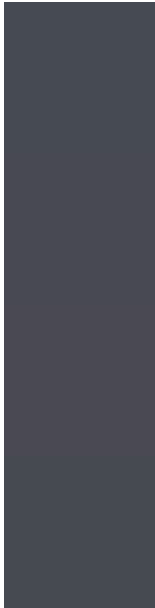
74.4500, 4.2151, 1.3593



Tritanopia

73.4880, 3.2104, -3.0590

Trichromacy



Original Color

73.8300, 4.5208, -3.3589

Protanomaly

73.8410, 4.5154, -1.6146

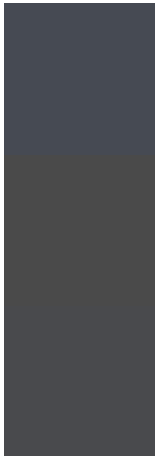
Deuteranomaly

74.4390, 4.2206, -0.3850

Tritanomaly

73.6020, 3.6472, -3.1590

Monochromacy



Original Color

73.8300, 4.5208, -3.3589

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8300, 4.5208, -3.3589 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(70, 74, 83)` looks like.

```
.text, #text, p{  
  color:rgb(70, 74, 83)  
}
```

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(70, 74, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 74, 83) }
```

Border

The CSS property to change the border of an element to YUV 73.8300, 4.5208, -3.3589 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(70, 74, 83) }
```


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

```
.border{ border-color:rgb(70, 74, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 74, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 74, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 74, 83);  
box-shadow:4px 4px 4px 4px rgb(70, 74, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.8300, 4.5208, -3.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 74, 83) }
```

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

```
.background{ background-color: rgb(70, 74,  
83) }
```

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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