

Converting Colors

YUV(72.8590, 17.3245, -3.3843)

Have a look what the booklet for
YUV(72.8590, 17.3245, -3.3843)
contains.

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Color

**YUV(72.8590, 17.3245,
-3.3843)**

Conversions

Conversions Part 1

Format	Color
Hex	45446C
RGB	69, 68, 108
RGB Percent	27%, 27%, 42%
CMY	0.7294, 0.7333, 0.5765
CMYK	0.36, 0.37, 0.00, 0.58
HSL	242°, 23%, 35%
HSV	242°, 37%, 42%
XYZ	7.2281, 6.4822, 15.0576
YIQ	72.8590, -12.2440, 12.6520

Conversions

Conversions Part 2

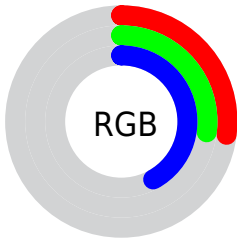
Format	Color
R_{YB}	69, 68, 108
Decimal	4539500
CIE _{Lab}	30.60, 10.98, -23.08
CIE _{LCh}	31, 25.565, 295.445
Yxy	6.4822, 0.2513, 0.2253
Android (android.graphics.Color)	4282729580 (0xFF45446C)
YUV	72.8590, 17.3245, -3.3843
Hunter-Lab	25.4601, 6.1211, -17.2432

Details

The YUV color **72.8590, 17.3245, -3.3843** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **103.1410, -17.3245, 3.3843**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9130, 18.7769, -2.5547**, and **28.0930, 15.7302, -5.3436** is the 20% darker color. If you saturate the color by 10%, you get **63.1130, 22.1293, -4.4841**, and if you desaturate by 10%, it is **82.6050, 12.5197, -2.2846**.

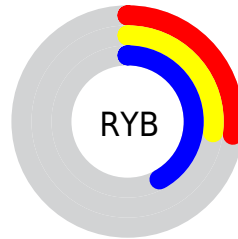
Distribution



Red (27%)

Green (27%)

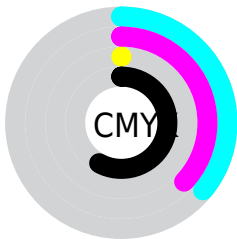
Blue (42%)



Red (27%)

Yellow (27%)

Blue (42%)

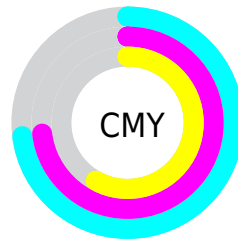


Cyan (36%)

Magenta (37%)

Yellow (0%)

Black (58%)



Cyan (73%)

Magenta (73%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8590, 17.3245, -3.3843 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 72.8590, 17.3245, -3.3843 by changing the saturation by 10% instead.

■ 72.8590, 17.3245,
-3.3843

■ 72.8590, 17.3245,
-3.3843

■ 255.0000, 0.0000,
0.0000

■ 50.0330, 16.7457,
-4.4139

■ 121.9130, 18.7769,
-2.5547

■ 28.0930, 15.7302,
-5.3436

■ 148.0270, 19.2137,
-2.6547

■ 4.7450, 16.8877,
-3.2844

■ 174.5540, 19.9399,
-2.2399

■ 2.4110, 6.6994,
-2.1144

■ 201.6680, 20.3767,
-2.3398

■ 0.0000, 0.0000,
0.0000

■ 228.1430, 13.2405,
-0.1254

■ 253.2390, 0.8682,

1.5444

■ 72.8590, 17.3245,
-3.3843

■ 72.8590, 17.3245,
-3.3843

■ 63.1130, 22.1293,
-4.4841

■ 82.6050, 12.5197,
-2.2846

■ 53.6660, 26.7867,
-4.9691

■ 92.0520, 7.8624,
-1.7996

■ 44.5070, 31.3020,
-6.5836

■ 101.2110, 3.3470,
-0.1850

■ 35.0600, 35.9594,
-7.0686

■ 110.6580, -1.3104,
0.2999

■ 25.3140, 40.7642,
-8.1684

■ 120.4040, -6.1152,
1.3997

■ 15.8670, 45.4216,
-8.6534

■ 129.8510,
-10.7725, 1.8847

■ 13.2090, 46.7320,
-8.9533

■ 139.5970,
-15.5773, 2.9844

■ 148.4570,
-19.9453, 3.9842

■ 158.2030,
-24.7501, 5.0840

Harmonies

Analogous

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



66.0620, 22.6474, -30.7494



72.8590, 17.3245, -3.3843



74.1560, 10.2761, 17.4032

Triad

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



72.8590, 17.3245, -3.3843



72.0390, -15.7952, 26.2758



56.4840, 5.6774, -47.7825

Complementary

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



72.8590, 17.3245, -3.3843



103.1410, -17.3245, 3.3843

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.



65.4030, -8.0867, -19.6474



72.8590, 17.3245, -3.3843



70.6370, -19.5410, 14.3504

Square

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



72.8590, 17.3245, -3.3843



72.7330, -8.2494, 32.6832



68.6350, -16.5821, -1.4339



58.1660, 14.7082, -51.0116

Rectangle

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



72.8590, 17.3245, -3.3843



74.0170, 4.4286, 26.2951



68.6350, -16.5821, -1.4339



61.3670, -0.1809, -35.4019

Sweetspot

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



72.8590, 17.3245, -3.3843



126.7100, 6.5520, -1.4997



95.4530, 6.1857, -24.0763



63.0260, 3.9312, -0.8998



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



72.8590, 17.3245, -3.3843



86.2530, 26.4973, -5.4839



78.8390, 14.3764, 8.9112



48.6840, 2.6208, -0.5999



14.2350, 50.6631, -9.8531



29.7240, 106.1311, -20.8059

Inverse Universe

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



84.4060, 11.1388, 20.6919



104.0790, 17.2161, 31.5027



97.1610, -14.3764, -8.9112



50.3640, 1.2995, 3.1888



47.9790, 32.5484, 60.5314



100.5010, 68.2800, 126.7256

Previews

White Background



This preview shows how the YUV color 72.8590, 17.3245, -3.3843 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 72.8590, 17.3245, -3.3843 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 72.8590, 17.3245, -3.3843

Background



This preview shows how black text looks on a background with the YUV color 72.8590, 17.3245, -3.3843.



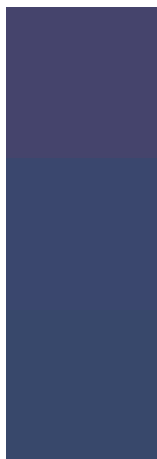
This preview shows how white text looks on a background with the YUV color 72.8590, 17.3245,

-3.3843.

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

72.8590, 17.3245, -3.3843

Protanopia

71.5590, 18.9514, -11.8912

Deuteranopia

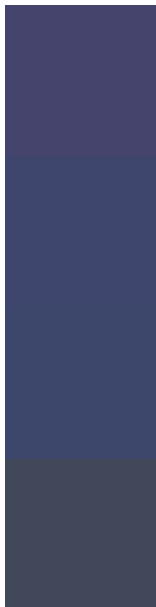
71.2060, 17.6464, -13.3357



Tritanopia

71.3950, 4.2423, -7.3624

Trichromacy



Original Color

72.8590, 17.3245, -3.3843

Protanomaly

72.0540, 18.2144, -8.8174

Deuteranomaly

72.1140, 17.1988, -9.7470

Tritanomaly

71.9590, 8.8942, -6.1030

Monochromacy



Original Color

72.8590, 17.3245, -3.3843

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8590, 17.3245, -3.3843 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(69, 68, 108)` looks like.

```
.text, #text, p{  
    color:rgb(69, 68, 108)  
}
```

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(69, 68, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 68, 108) }
```

Border

The CSS property to change the border of an element to YUV 72.8590, 17.3245, -3.3843 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(69, 68, 108) }
```


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

```
.border{ border-color:rgb(69, 68, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 68, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 68, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 68, 108);  
box-shadow:4px 4px 4px 4px rgb(69, 68,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 72.8590, 17.3245, -3.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 68, 108) }
```

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

```
.background{ background-color: rgb(69, 68,  
108) }
```

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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