

Converting Colors

YUV(73.7500, 56.3252, -5.9197)

Have a look what the booklet for
YUV(73.7500, 56.3252, -5.9197)
contains.

YUV(73.7500, 56.3252, -5.9197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(73.7500, 56.3252,
-5.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	4337BC
RGB	67, 55, 188
RGB Percent	26%, 22%, 74%
CMY	0.7373, 0.7843, 0.2627
CMYK	0.64, 0.71, 0.00, 0.26
HSL	245°, 55%, 48%
HSV	245°, 71%, 74%
XYZ	12.7580, 7.5565, 48.3631
YIQ	73.7500, -35.5410, 43.9070

Conversions

Conversions Part 2

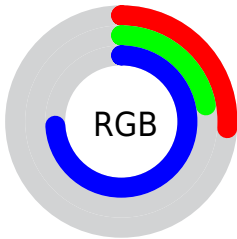
Format	Color
R _{YB}	67, 55, 188
Decimal	4405180
CIE Lab	33.04, 44.62, -68.04
CIE LCh	33, 81.369, 303.256
Yxy	7.5565, 0.1858, 0.1100
Android (android.graphics.Color)	4282595260 (0xFF4337BC)
YUV	73.7500, 56.3252, -5.9197
Hunter-Lab	27.4891, 34.7381, -85.0698

Details

The YUV color **73.7500, 56.3252, -5.9197** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **169.2500, -56.3252, 5.9197**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5490, 57.9033, 1.2725**, and **20.4450, 55.4896, -17.9303** is the 20% darker color. If you saturate the color by 10%, you get **57.5140, 64.3296, -6.5898**, and if you desaturate by 10%, it is **89.9860, 48.3209, -5.2497**.

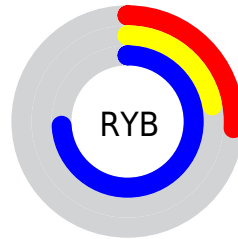
Distribution



Red (26%)

Green (22%)

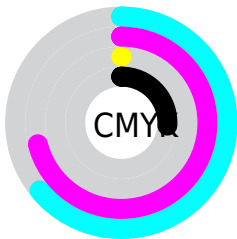
Blue (74%)



Red (26%)

Yellow (22%)

Blue (74%)

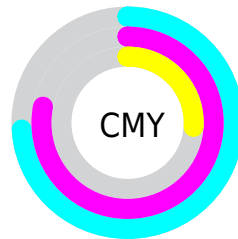


Cyan (64%)

Magenta (71%)

Yellow (0%)

Black (26%)



Cyan (74%)

Magenta (78%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7500, 56.3252, -5.9197 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 73.7500, 56.3252, -5.9197 by changing the saturation by 10% instead.

■ 73.7500, 56.3252,
-5.9197

■ 73.7500, 56.3252,
-5.9197

■ 255.0000, 0.0000,
0.0000

■ 45.0970, 56.6472,
-15.8711

■ 127.5490, 57.9033,
1.2725

■ 20.4450, 55.4896,
-17.9303

■ 152.3340, 50.6143,
5.8461

■ 12.1980, 46.7374,
-10.6976

■ 176.8540, 38.5260,
9.7750

■ 9.3480, 35.8174,
-8.1982

■ 201.6730, 26.2902,
14.3188

■ 9.5470, 23.8873,
-8.3727

■ 227.0790, 13.7651,
18.3477

■ 5.1640, 14.7091,
-4.5288

■ 245.6080, 4.6303,

■ 1.2540, 4.8048,

8.2368

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 73.7500, 56.3252,
-5.9197

■ 73.7500, 56.3252,
-5.9197

■ 57.5140, 64.3296,
-6.5898

■ 89.9860, 48.3209,
-5.2497

■ 41.2780, 72.3339,
-7.2598

■ 106.2220, 40.3166,
-4.5797

■ 26.5150, 79.6121,
-8.3447

■ 121.8710, 32.6016,
-3.3949

■ 138.1070, 24.5972,
-2.7248

■ 154.6420, 16.4455,
-1.4400

■ 170.8780, 8.4411,
-0.7700

■ 187.1140, 0.4368,
-0.1000

■ 202.7630, -7.2782,
1.0848

■ 218.9990,
-15.2825, 1.7549

Harmonies

Analogous

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



74.4220, 66.8400, -65.2681



73.7500, 56.3252, -5.9197



61.9630, 36.9932, 81.5934

Triad

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



73.7500, 56.3252, -5.9197



69.7370, -34.3803, 60.7437



68.7490, 7.0257, -60.2929

Complementary

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



73.7500, 56.3252, -5.9197



169.2500, -56.3252, 5.9197

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.



58.0960, -26.1763, -50.9502



73.7500, 56.3252, -5.9197



72.6960, -35.8391, 15.1756

Square

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



73.7500, 56.3252, -5.9197



52.8670, -21.1334, 105.3566



54.0040, -26.6240, -47.3615



76.7460, 35.1282, -67.3062

Rectangle

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



73.7500, 56.3252, -5.9197



63.7530, 15.4048, 99.3176



54.0040, -26.6240, -47.3615



65.6540, -2.2944, -57.5786

Sweetspot

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



73.7500, 56.3252, -5.9197



200.4230, 21.9765, -2.1250



141.7760, 22.7884, -76.1026



96.3170, 12.6617, -1.1550



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



73.7500, 56.3252, -5.9197



66.0940, 88.2007, -9.7294



93.4840, 46.5964, 34.6555



86.3250, 3.7838, -0.2850



22.1980, 66.9504, -7.1896



4.4310, 13.0985, -1.2550

Inverse Universe

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



108.5610, 33.2474, 69.6680



120.7380, 51.8942, 108.9778



149.5160, -46.5964, -34.6555



88.6030, 2.1677, 4.7332



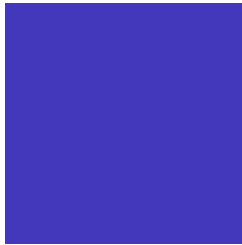
63.6580, 39.6086, 82.7379



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 73.7500, 56.3252, -5.9197 looks on a white background.

Color Contrast Check

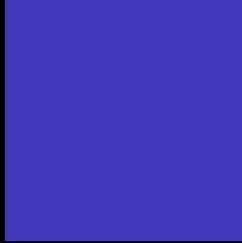
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.7500, 56.3252, -5.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

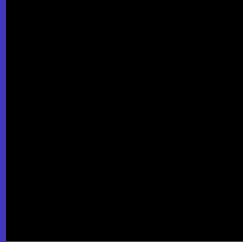
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7500, 56.3252, -5.9197

Background



This preview shows how black text looks on a background with the YUV color 73.7500, 56.3252, -5.9197.



This preview shows how white text looks on a background with the YUV color 73.7500, 56.3252,

-5.9197.

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

73.7500, 56.3252, -5.9197

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.3500, 35.8165, -54.6809



Tritanopia

61.0840, 15.7346, -53.5707

Trichromacy



Original Color

73.7500, 56.3252, -5.9197

Protanomaly

66.3580, 50.6025, -37.1480

Deuteranomaly

66.4090, 43.1824, -37.1927

Tritanomaly

65.7930, 30.6681, -36.6525

Monochromacy



Original Color

73.7500, 56.3252, -5.9197

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.6680, 20.3767, -2.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7500, 56.3252, -5.9197 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(67, 55, 188)` looks like.

```
.text, #text, p{  
    color:rgb(67, 55, 188)  
}
```

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(67, 55, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 55, 188) }
```

Border

The CSS property to change the border of an element to YUV 73.7500, 56.3252, -5.9197 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(67, 55, 188) }
```


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

```
.border{ border-color:rgb(67, 55, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 55, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 55, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 55, 188);  
box-shadow:4px 4px 4px 4px rgb(67, 55,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 73.7500, 56.3252, -5.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 55, 188) }
```

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

```
.background{ background-color: rgb(67, 55,  
188) }
```

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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