

Converting Colors

YUV(56.5720, 15.9870, 5.6374)

Have a look what the booklet for
YUV(56.5720, 15.9870, 5.6374)
contains.

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Color

**YUV(56.5720, 15.9870,
5.6374)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2F59
RGB	63, 47, 89
RGB Percent	25%, 18%, 35%
CMY	0.7529, 0.8157, 0.6510
CMYK	0.29, 0.47, 0.00, 0.65
HSL	263°, 31%, 27%
HSV	263°, 47%, 35%
XYZ	4.8696, 3.8111, 9.9301
YIQ	56.5720, -3.9460, 16.4540

Conversions

Conversions Part 2

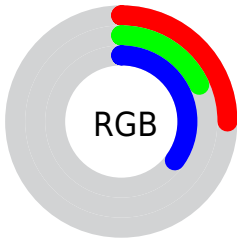
Format	Color
R_{YB}	63, 47, 89
Decimal	4140889
CIE Lab	23.04, 17.44, -22.72
CIE LCh	23, 28.643, 307.514
Yxy	3.8111, 0.2617, 0.2048
Android (android.graphics.Color)	4282330969 (0xFF3F2F59)
YUV	56.5720, 15.9870, 5.6374
Hunter-Lab	19.5219, 10.3620, -16.4935

Details

The YUV color **56.5720, 15.9870, 5.6374** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **79.4280, -15.9870, -5.6374**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.9250, 17.2920, 7.0818**, and **11.1810, 15.6868, 8.6113** is the 20% darker color. If you saturate the color by 10%, you get **49.4950, 19.4760, 6.5819**, and if you desaturate by 10%, it is **63.6490, 12.4980, 4.6928**.

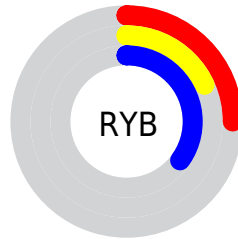
Distribution



 Red (25%)

 Green (18%)

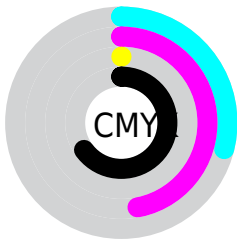
 Blue (35%)



 Red (25%)

 Yellow (18%)

 Blue (35%)

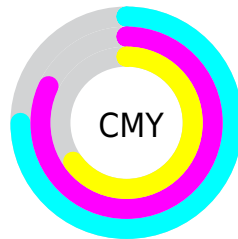


 Cyan (29%)

 Magenta (47%)

 Yellow (0%)

 Black (65%)



 Cyan (75%)

 Magenta (82%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5720, 15.9870, 5.6374 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 56.5720, 15.9870, 5.6374 by changing the saturation by 10% instead.

■ 56.5720, 15.9870,
5.6374

■ 56.5720, 15.9870,
5.6374

■ 255.0000, 0.0000,
0.0000

■ 34.6320, 14.9714,
4.7077

■ 103.9250, 17.2920,
7.0818

■ 11.1810, 15.6868,
8.6113

■ 129.4520, 18.0182,
7.4966

■ 3.0950, 9.3202,
-2.7143

■ 155.5660, 18.4550,
7.3966

■ 0.0000, 0.0000,
0.0000

■ 182.3920, 19.0337,
8.4262

■ 210.5060, 19.4705,
8.3262

■ 235.8840, 9.4242,

10.6257

254.4130, 0.2894,
0.5148

■ 56.5720, 15.9870,
5.6374

■ 56.5720, 15.9870,
5.6374

■ 49.4950, 19.4760,
6.5819

■ 63.6490, 12.4980,
4.6928

■ 42.7170, 22.8175,
8.1412

■ 70.4270, 9.1565,
3.1335

■ 35.6400, 26.3065,
9.0857

■ 77.5040, 5.6675,
2.1890

■ 28.8620, 29.6480,
10.6450

■ 84.2820, 2.3260,
0.6297

■ 22.3720, 32.8476,
11.0748

■ 90.7720, -0.8736,
0.2000

■ 20.3120, 33.8632,
12.0044

■ 97.5500, -4.2151,
-1.3593

■ 104.6270, -7.7041,
-2.3039

■ 111.4050,
-11.0457, -3.8632

■ 118.4820,
-14.5346, -4.8077

Harmonies

Analogous

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



50.2090, 23.0680, -25.6163



56.5720, 15.9870, 5.6374



55.9290, 7.9230, 25.4953

Triad

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



56.5720, 15.9870, 5.6374



53.3930, -19.4207, 22.4573



44.9950, 7.3975, -39.4606

Complementary

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



56.5720, 15.9870, 5.6374



79.4280, -15.9870, -5.6374

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.



41.9000, -1.9227, -36.7463



56.5720, 15.9870, 5.6374



52.0230, -21.7033, 7.8728

Square

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



56.5720, 15.9870, 5.6374



54.1090, -11.8857, 32.3534



49.6340, -15.1026, -9.3260



47.2750, 16.1334, -41.4602

Rectangle

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



56.5720, 15.9870, 5.6374



54.6650, 1.6442, 32.7428



49.6340, -15.1026, -9.3260



44.0830, 3.9031, -38.6608

Sweetspot

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



56.5720, 15.9870, 5.6374



102.6180, 6.1043, 2.0890



67.6370, 10.5320, -18.0986



51.0370, 3.9258, 0.8446



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



56.5720, 15.9870, 5.6374



63.9990, 25.1435, 8.7709



62.5520, 13.0389, 17.9329



40.0540, 1.4524, 0.8296



24.4570, 40.6937, 14.5082



53.4010, 89.5283, 31.2203

Inverse Universe

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



62.5220, 5.1657, 23.2212



73.4080, 8.1799, 36.4762



73.4480, -13.0389, -17.9329



40.5380, 0.7208, 2.1592



39.5170, 13.0561, 59.1826



86.7950, 28.6951, 129.9758

Previews

White Background



This preview shows how the YUV color 56.5720, 15.9870, 5.6374 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 56.5720, 15.9870, 5.6374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

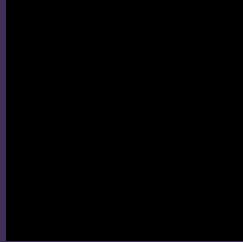
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.5720, 15.9870, 5.6374

Background



This preview shows how black text looks on a background with the YUV color 56.5720, 15.9870, 5.6374.



This preview shows how white text looks on a background with the YUV color 56.5720, 15.9870,

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

56.5720, 15.9870, 5.6374

Protanopia

53.5910, 20.4146, -14.5503

Deuteranopia

53.2660, 16.6309, -14.2653



Tritanopia

55.3530, 1.3050, 1.4444

Trichromacy



Original Color

56.5720, 15.9870, 5.6374

Protanomaly

54.2930, 19.0826, -7.2730

Deuteranomaly

54.3100, 16.6092, -7.2879

Tritanomaly

55.4440, 6.6831, 3.1186

Monochromacy



Original Color

56.5720, 15.9870, 5.6374

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6180, 6.1043, 2.0890

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5720, 15.9870, 5.6374 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(63, 47, 89)` looks like.

```
.text, #text, p{  
    color:rgb(63, 47, 89)  
}
```

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(63, 47, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 47, 89) }
```

Border

The CSS property to change the border of an element to YUV 56.5720, 15.9870, 5.6374 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(63, 47, 89) }
```


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

```
.border{ border-color:rgb(63, 47, 89) }
```

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

Here you see how a box with a 4 pixel rgb(63, 47, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 47, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 47, 89);  
box-shadow:4px 4px 4px 4px rgb(63, 47, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.5720, 15.9870, 5.6374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 47, 89) }
```

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

```
.background{ background-color: rgb(63, 47,  
89) }
```

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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