

Converting Colors

YUV(46.0750, 6.3720, 9.5812)

Have a look what the booklet for
YUV(46.0750, 6.3720, 9.5812)
contains.

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Color

**YUV(46.0750, 6.3720,
9.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	39263B
RGB	57, 38, 59
RGB Percent	22%, 15%, 23%
CMY	0.7765, 0.8510, 0.7686
CMYK	0.03, 0.36, 0.00, 0.77
HSL	294°, 22%, 19%
HSV	294°, 36%, 23%
XYZ	3.1699, 2.5719, 4.4670
YIQ	46.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

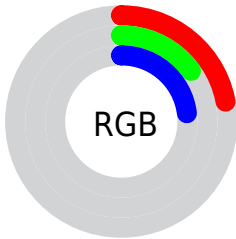
Format	Color
R_{YB}	57, 38, 59
Decimal	3745339
CIE _{Lab}	18.24, 13.35, -9.94
CIE _{LCh}	18, 16.650, 323.329
Yxy	2.5719, 0.3105, 0.2519
Android (android.graphics.Color)	4281935419 (0xFF39263B)
YUV	46.0750, 6.3720, 9.5812
Hunter-Lab	16.0370, 7.2176, -5.2890

Details

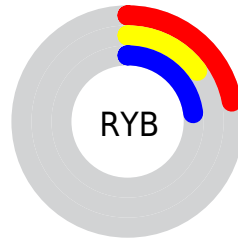
The YUV color **46.0750, 6.3720, 9.5812** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.9250, -6.3720, -9.5812**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.9010, 6.9508, 10.6108**, and **3.9170, 5.9569, 2.7038** is the 20% darker color. If you saturate the color by 10%, you get **42.2540, 8.2558, 12.0552**, and if you desaturate by 10%, it is **49.8960, 4.4883, 7.1072**.

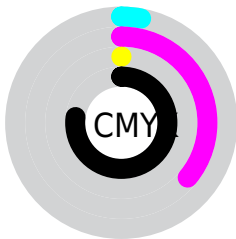
Distribution



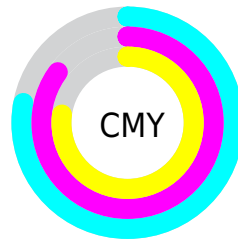
- Red (22%)
- Green (15%)
- Blue (23%)



- Red (22%)
- Yellow (15%)
- Blue (23%)



- Cyan (3%)
- Magenta (36%)
- Yellow (0%)
- Black (77%)



- Cyan (78%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.0750, 6.3720, 9.5812 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 46.0750, 6.3720, 9.5812 by changing the saturation by 10% instead.

■ 46.0750, 6.3720,
9.5812

■ 46.0750, 6.3720,
9.5812

■ 255.0000, 0.0000,
0.0000

■ 25.2490, 5.7932,
8.5516

■ 91.9010, 6.9508,
10.6108

■ 3.9170, 5.9569,
2.7038

■ 116.6130, 7.0928,
11.7404

■ 0.0000, 0.0000,
0.0000

■ 142.7270, 7.5296,
11.6404

■ 169.0260, 7.3822,
12.2552

■ 196.1400, 7.8190,
12.1552

■ 224.5530, 8.1084,

12.6700

247.3690, 3.7621,
6.6924

46.0750, 6.3720,
9.5812

46.0750, 6.3720,
9.5812

42.2540, 8.2558,
12.0552

49.8960, 4.4883,
7.1072

38.7320, 9.9921,
15.1440

53.4180, 2.7519,
4.0184

34.9110, 11.8759,
17.6181

57.2390, 0.8682,
1.5444

31.3890, 13.6122,
20.7068

60.7610, -0.8682,
-1.5444

27.5680, 15.4960,
23.1809

63.9950, -2.4625,
-3.5036

■ 24.6330, 16.9429,
25.7549

■ 67.5170, -4.1989,
-6.5924

■ 22.5730, 17.9585,
26.6845

■ 71.3380, -6.0826,
-9.0664

■ 74.8600, -7.8190,
-12.1552

■ 78.6810, -9.7027,
-14.6292

Harmonies

Analogous

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



44.8500, 10.9200, -2.4995



46.0750, 6.3720, 9.5812



45.7510, 1.1088, 17.7584

Triad

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



46.0750, 6.3720, 9.5812



43.9660, -11.8152, 9.6768



36.0930, 8.8282, -31.6536

Complementary

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



46.0750, 6.3720, 9.5812



50.9250, -6.3720, -9.5812

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.



37.9000, 1.5283, -23.5913



46.0750, 6.3720, 9.5812



42.9540, -10.3303, 0.0403

Square

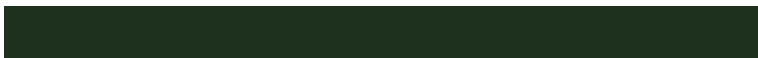
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.0750, 6.3720, 9.5812



44.6940, -9.2161, 16.0544



40.8540, -5.3510, -10.3960



35.9450, 13.3381, -31.5238

Rectangle

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



46.0750, 6.3720, 9.5812



45.4370, -2.6804, 19.7878



40.8540, -5.3510, -10.3960



35.6370, 7.0810, -31.2536

Sweetspot

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



46.0750, 6.3720, 9.5812



71.4180, 2.7519, 4.0184



41.5680, 8.5940, -3.1291



35.0650, 1.4470, 2.5740



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



46.0750, 6.3720, 9.5812



56.4330, 10.1395, 14.5293



45.7610, 2.5828, 11.6106



28.9400, 1.0156, 0.9296



36.1310, 28.5294, 42.8581



85.4070, 67.3403, 101.3751

Inverse Universe

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



44.5070, -2.2220, 12.7104



54.2090, -3.5540, 19.9877



51.2390, -2.5828, -11.6106



28.8970, -0.4422, 1.8443



29.1320, -9.9251, 56.8892



68.7720, -23.5516, 134.3810

Previews

White Background



This preview shows how the YUV color 46.0750, 6.3720, 9.5812 looks on a white background.

Color Contrast Check

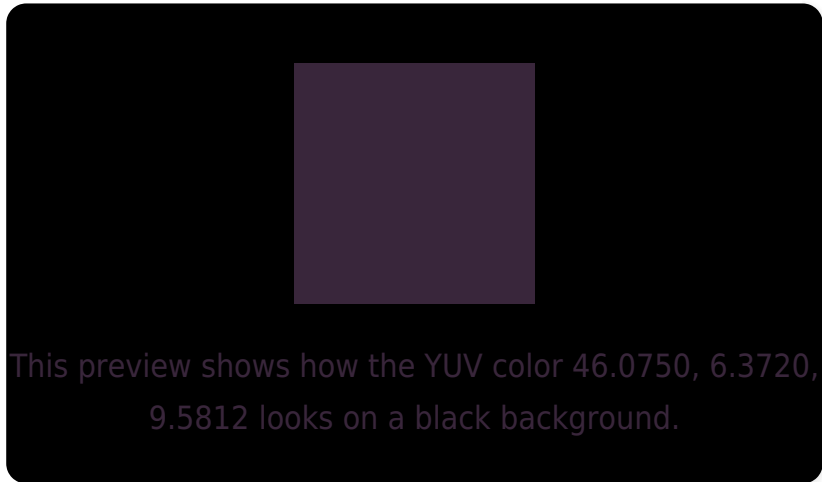
Large Text (above 18pt) WCAG AA ✓ Pass

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

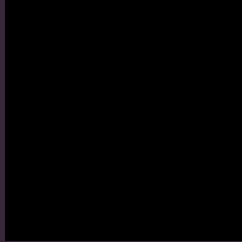
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.0750, 6.3720, 9.5812

Background



This preview shows how black text looks on a background with the YUV color 46.0750, 6.3720, 9.5812.



This preview shows how white text looks on a background with the YUV color 46.0750, 6.3720,

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

46.0750, 6.3720, 9.5812

Protanopia

44.7850, 9.4730, -5.0734

Deuteranopia

44.9980, 6.4100, -2.6292



Tritanopia

45.5280, -0.7533, 8.3069

Trichromacy



Original Color

46.0750, 6.3720, 9.5812

Protanomaly

45.4760, 8.1463, 0.4595

Deuteranomaly

45.3190, 6.2517, 1.4742

Tritanomaly

45.8100, 1.5727, 8.9366

Monochromacy



Original Color

46.0750, 6.3720, 9.5812

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.0750, 6.3720, 9.5812 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(57, 38, 59)` looks like.

```
.text, #text, p{  
    color:rgb(57, 38, 59)  
}
```

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(57, 38, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 38, 59) }
```

Border

The CSS property to change the border of an element to YUV 46.0750, 6.3720, 9.5812 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(57, 38, 59) }
```


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

```
.border{ border-color:rgb(57, 38, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 38, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 38, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 38, 59);  
box-shadow:4px 4px 4px 4px rgb(57, 38, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.0750, 6.3720, 9.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 38, 59) }
```

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

```
.background{ background-color: rgb(57, 38,  
59) }
```

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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