

Converting Colors

YUV(23.7390, 6.0447, 21.2769)

Have a look what the booklet for
YUV(23.7390, 6.0447, 21.2769)
contains.

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Color

**YUV(23.7390, 6.0447,
21.2769)**

Conversions

Conversions Part 1	
Format	Color
Hex	300924
RGB	48, 9, 36
RGB Percent	19%, 4%, 14%
CMY	0.8118, 0.9647, 0.8588
CMYK	0.00, 0.81, 0.25, 0.81
HSL	318°, 68%, 11%
HSV	318°, 81%, 19%
XYZ	1.6350, 0.9511, 1.7665
YIQ	23.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

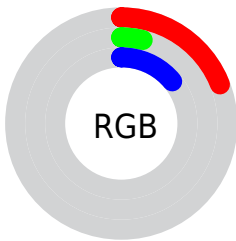
Format	Color
RYB	48, 9, 36
Decimal	3148068
CIELab	8.58, 23.14, -8.26
CIELCh	9, 24.564, 340.362
Yxy	0.9511, 0.3756, 0.2185
Android (android.graphics.Color)	4281338148 (0xFF300924)
YUV	23.7390, 6.0447, 21.2769
Hunter-Lab	9.7526, 12.8590, -3.9123

Details

The YUV color **23.7390, 6.0447, 21.2769** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **33.2610, -6.0447, -21.2769**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.6360, 5.6025, 23.1212**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.6900, 7.0548, 23.9509**, and if you desaturate by 10%, it is **26.7880, 5.0345, 18.6029**.

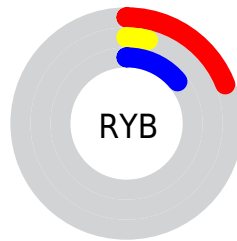
Distribution



Red (19%)

Green (4%)

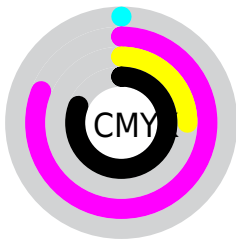
Blue (14%)



Red (19%)

Yellow (4%)

Blue (14%)

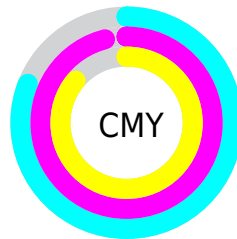


Cyan (0%)

Magenta (81%)

Yellow (25%)

Black (81%)



Cyan (81%)

Magenta (96%)


Yellow (86%)

Brightness & Saturation


Gradients


These gradients show how the YUV color 23.7390, 6.0447, 21.2769 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 23.7390, 6.0447, 21.2769 by changing the saturation by 10% instead.


 23.7390, 6.0447,
21.2769


 23.7390, 6.0447,
21.2769


 243.8470, 5.4984,
9.7812


 9.9680, 1.9878,
15.8141


 69.6360, 5.6025,
23.1212

 0.0000, 0.0000,
0.0000

 93.3480, 5.7444,
24.2508

 118.0600, 5.8864,
25.3804

 144.3590, 5.7390,
25.9952


 171.0710, 5.8810,
27.1247


 198.6690, 5.5862,


28.3543


 225.5870, 6.6126,
25.7952


 23.7390, 6.0447,
21.2769

 23.7390, 6.0447,
21.2769

 20.6900, 7.0548,
23.9509


 26.7880, 5.0345,
18.6029

 18.1140, 7.3388,
26.2100

 29.9510, 4.4612,
15.8290

 32.4130, 3.7404,
13.6698

 35.5760, 3.1670,
10.8958

 38.6250, 2.1569,
8.2219

■ 41.7880, 1.5835,
5.4479

■ 44.8370, 0.5734,
2.7740

■ 47.4130, 0.2894,
0.5148

■ 50.4620, -0.7208,
-2.1592

Harmonies

Analogous

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



25.2470, 12.2032, 5.9224



23.7390, 6.0447, 21.2769



21.5350, -1.2498, 27.5948

Triad

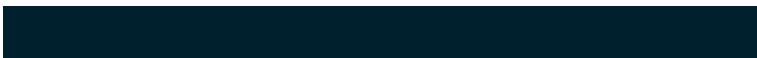
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.7390, 6.0447, 21.2769



23.3350, -11.5042, 3.2142



24.0280, 10.8322, -21.0726

Complementary

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



23.7390, 6.0447, 21.2769



33.2610, -6.0447, -21.2769

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.



22.7910, 3.5540, -19.9877



23.7390, 6.0447, 21.2769



19.7030, -9.7136, -11.1405

Square

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



23.7390, 6.0447, 21.2769



23.9990, -11.8315, 14.9099



19.9240, -4.8925, -17.4733



23.9940, 15.7790, -21.0427

Rectangle

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



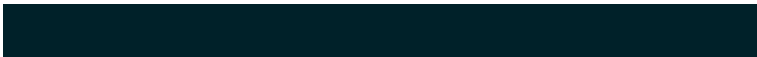
23.7390, 6.0447, 21.2769



21.3580, -9.5435, 27.7500



19.9240, -4.8925, -17.4733



24.0450, 8.3588, -21.0875

Sweetspot

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



23.7390, 6.0447, 21.2769



52.3260, 2.3043, 7.6071



17.0340, 15.2662, 3.4782



25.3750, 1.2941, 4.9331



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



23.7390, 6.0447, 21.2769



23.7280, 9.5011, 32.6875



21.5730, -2.2545, 23.1765



21.7120, 0.1420, 1.1296



32.8530, 13.3835, 47.4869



80.8580, 33.1010, 116.7655

Inverse Universe

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



23.7390, 6.0447, 21.2769



23.7280, 9.5011, 32.6875



35.4270, 2.2545, -23.1765



21.7120, 0.1420, 1.1296



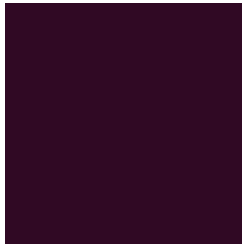
32.8530, 13.3835, 47.4869



80.8580, 33.1010, 116.7655

Previews

White Background



This preview shows how the YUV color 23.7390, 6.0447, 21.2769 looks on a white background.

Color Contrast Check

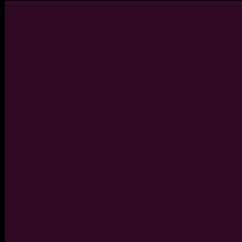
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7390, 6.0447, 21.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

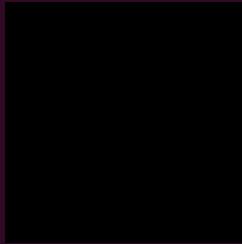
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.7390, 6.0447, 21.2769

Background



This preview shows how black text looks on a background with the YUV color 23.7390, 6.0447, 21.2769.



This preview shows how white text looks on a background with the YUV color 23.7390, 6.0447,

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

23.7390, 6.0447, 21.2769

Protanopia

25.6320, 11.5204, -8.4473

Deuteranopia

26.9120, 3.4944, -0.7998



Tritanopia

25.0840, -3.9854, 18.3433

Trichromacy



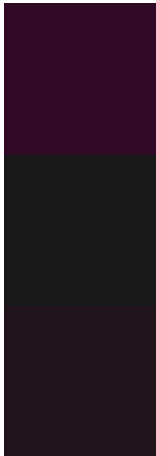
Original Color
23.7390, 6.0447, 21.2769

Protanomaly
25.1280, 9.3039, 2.5187

Deuteranomaly
25.8960, 4.4883, 7.1072

Tritanomaly
24.4200, -0.2071, 19.8027

Monochromacy



Original Color
23.7390, 6.0447, 21.2769

Achromatopsia
24.0000, 0.0000, 0.0000

Achromatomaly
24.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.7390, 6.0447, 21.2769 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(48, 9, 36)` looks like.

```
.text, #text, p{  
    color:rgb(48, 9, 36)  
}
```

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(48, 9, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 9, 36) }
```

Border

The CSS property to change the border of an element to YUV 23.7390, 6.0447, 21.2769 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(48, 9, 36) }
```


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

```
.border{ border-color:rgb(48, 9, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 9, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 9, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(48, 9, 36); box-shadow:4px  
4px 4px 4px rgb(48, 9, 36) }
```

Background

The CSS property to change the background color of an element to YUV 23.7390, 6.0447, 21.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 9, 36) }
```

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

```
.background{ background-color: rgb(48, 9,  
36) }
```

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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