

Converting Colors

YUV(23.4790, 3.7079, 24.1359)

Have a look what the booklet for
YUV(23.4790, 3.7079, 24.1359)
contains.

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Color

**YUV(23.4790, 3.7079,
24.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	33081F
RGB	51, 8, 31
RGB Percent	20%, 3%, 12%
CMY	0.8000, 0.9686, 0.8784
CMYK	0.00, 0.84, 0.39, 0.80
HSL	328°, 73%, 12%
HSV	328°, 84%, 20%
XYZ	1.6994, 0.9764, 1.3952
YIQ	23.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

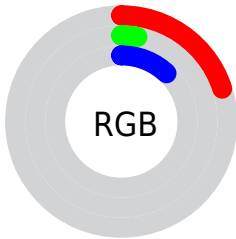
Format	Color
RYB	51, 8, 31
Decimal	3344415
CIELab	8.79, 23.88, -4.05
CIELCh	9, 24.218, 350.363
Yxy	0.9764, 0.4174, 0.2398
Android (android.graphics.Color)	4281534495 (0xFF33081F)
YUV	23.4790, 3.7079, 24.1359
Hunter-Lab	9.8813, 13.4063, -1.4547




Details

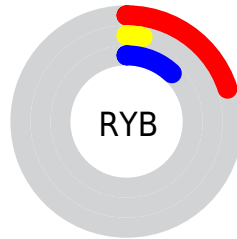
The YUV color **23.4790, 3.7079, 24.1359** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **35.5210, -3.7079, -24.1359**, and the grayscale version is **23.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **69.5610, 2.6814, 26.6950**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.3160, 4.2812, 26.9099**, and if you desaturate by 10%, it is **26.6420, 3.1345, 21.3620**.

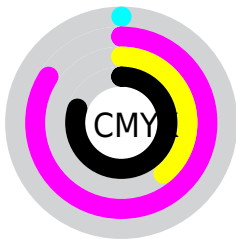
Distribution







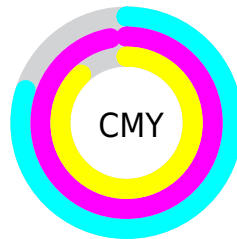
-  Red (20%)
-  Green (3%)
-  Blue (12%)






-  Red (20%)
-  Yellow (3%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (39%)
-  Black (80%)



-  Cyan (80%)
-  Magenta (97%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.4790, 3.7079, 24.1359 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 23.4790, 3.7079, 24.1359 by changing the saturation by 10% instead.

■ 23.4790, 3.7079,
24.1359

■ 23.4790, 3.7079,
24.1359

■ 243.8470, 5.4984,
9.7812

■ 10.2520, -2.0962,
19.0730

■ 69.5610, 2.6814,
26.6950

■ 0.0000, 0.0000,
0.0000

■ 93.8600, 2.5340,
27.3098


■ 118.7570, 2.0918,
29.1541


■ 144.4690, 2.2338,
30.2837


■ 171.7680, 2.0864,
30.8985


■ 199.3660, 1.7916,

32.1280


 224.0880, 3.4076,
27.1098


 23.4790, 3.7079,
24.1359


 23.4790, 3.7079,
24.1359


 20.3160, 4.2812,
26.9099


 26.6420, 3.1345,
21.3620

 18.3270, 4.2758,
28.6542

 29.9190, 2.9979,
18.4880

 33.0820, 2.4246,
15.7141

 36.2450, 1.8512,
12.9401

 40.1090, 1.4253,
9.5514

■ 43.2720, 0.8519,
6.7775

■ 46.5490, 0.7153,
3.9035

■ 49.7120, 0.1420,
1.1296

■ 52.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



25.7100, 10.0030, 11.6553



23.4790, 3.7079, 24.1359



22.3240, -4.5967, 27.7799

Triad

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



23.4790, 3.7079, 24.1359



23.3130, -11.4933, -0.2745



24.4840, 12.5794, -21.4725

Complementary

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



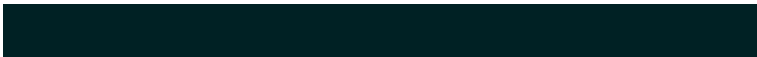
23.4790, 3.7079, 24.1359



35.5210, -3.7079, -24.1359

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.



23.4750, 6.1748, -20.5876



23.4790, 3.7079, 24.1359



18.4960, -9.1185, -15.3440

Square

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



23.4790, 3.7079, 24.1359



23.9770, -11.8207, 11.4212



21.5370, -1.2507, -18.8879



23.5210, 16.5051, -20.6279

Rectangle

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



23.4790, 3.7079, 24.1359



22.2930, -10.9904, 25.1760



21.5370, -1.2507, -18.8879



24.6150, 10.5428, -21.5874

Sweetspot

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



23.4790, 3.7079, 24.1359



55.8100, 1.5727, 8.9366



18.5830, 15.9816, 7.3817



26.6740, 1.1467, 5.5479



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



23.4790, 3.7079, 24.1359



23.7240, 5.5591, 37.0761



21.0850, -5.4649, 26.2355



24.0110, -0.0054, 1.7444



32.0830, 7.8471, 49.9162



78.1070, 18.6812, 121.8092

Inverse Universe

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



23.4790, 3.7079, 24.1359



23.7240, 5.5591, 37.0761



37.9150, 5.4649, -26.2355



24.0110, -0.0054, 1.7444



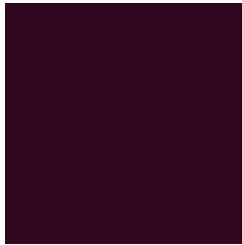
32.0830, 7.8471, 49.9162



78.1070, 18.6812, 121.8092

Previews

White Background



This preview shows how the YUV color 23.4790, 3.7079, 24.1359 looks on a white background.

Color Contrast Check

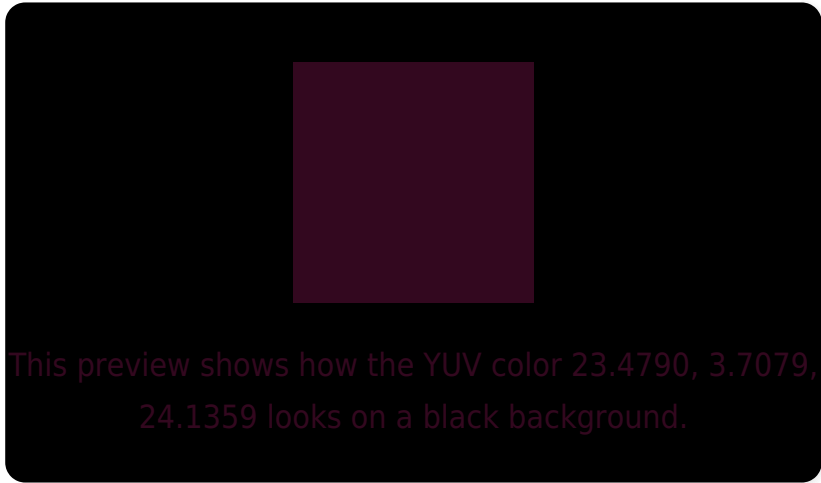
Large Text (above 18pt) WCAG AA ✓ Pass

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

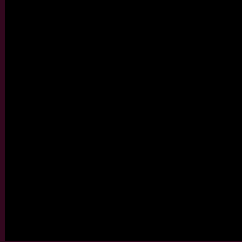
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.4790, 3.7079, 24.1359

Background



This preview shows how black text looks on a background with the YUV color 23.4790, 3.7079, 24.1359.



This preview shows how white text looks on a background with the YUV color 23.4790, 3.7079,

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

23.4790, 3.7079, 24.1359

Protanopia

27.3290, 7.7258, -4.6735

Deuteranopia

28.1250, 0.4314, 1.6444



Tritanopia

24.8780, -4.8699, 22.0320

Trichromacy



Original Color

23.4790, 3.7079, 24.1359

Protanomaly

26.0530, 6.3829, 6.0925

Deuteranomaly

26.5220, 1.7147, 10.0662

Tritanomaly

24.3880, -1.6703, 22.4617

Monochromacy



Original Color

23.4790, 3.7079, 24.1359

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.3970, 1.2833, 8.4218

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.4790, 3.7079, 24.1359 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(51, 8, 31)` looks like.

```
.text, #text, p{  
    color:rgb(51, 8, 31)  
}
```

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(51, 8, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 8, 31) }
```

Border

The CSS property to change the border of an element to YUV 23.4790, 3.7079, 24.1359 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(51, 8, 31) }
```


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

```
.border{ border-color:rgb(51, 8, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 8, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 8, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 8, 31); box-shadow:4px  
4px 4px 4px rgb(51, 8, 31) }
```

Background

The CSS property to change the background color of an element to YUV 23.4790, 3.7079, 24.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 8, 31) }
```

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

```
.background{ background-color: rgb(51, 8,  
31) }
```

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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