

Converting Colors

YUV(23.0810, -5.9559, 43.7790)

Have a look what the booklet for
YUV(23.0810, -5.9559, 43.7790)
contains.

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Color

**YUV(23.0810, -5.9559,
43.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	49000B
RGB	73, 0, 11
RGB Percent	29%, 0%, 4%
CMY	0.7137, 1.0000, 0.9569
CMYK	0.00, 1.00, 0.85, 0.71
HSL	351°, 100%, 14%
HSV	351°, 100%, 29%
XYZ	2.8081, 1.4406, 0.4467
YIQ	23.0810, 39.9770, 18.8970

Conversions

Conversions Part 2

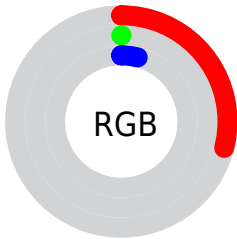
Format	Color
R_{YB}	73, 0, 11
Decimal	4784139
CIE _{Lab}	12.23, 32.91, 14.69
CIE _{LCh}	12, 36.038, 24.055
Yxy	1.4406, 0.5980, 0.3068
Android (android.graphics.Color)	4282974219 (0xFF49000B)
YUV	23.0810, -5.9559, 43.7790
Hunter-Lab	12.0026, 20.7562, 6.1954

Details

The YUV color **23.0810, -5.9559, 43.7790** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **49.9190, 5.9559, -43.7790**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.6530, -10.1819, 45.9083**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.0810, -5.9559, 43.7790**, and if you desaturate by 10%, it is **27.8740, -5.3609, 39.5755**.

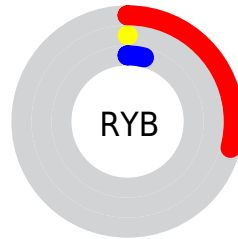
Distribution



Red (29%)

Green (0%)

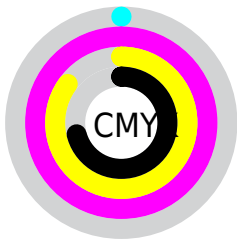
Blue (4%)



Red (29%)

Yellow (0%)

Blue (4%)

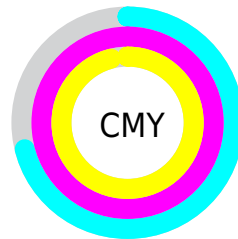


Cyan (0%)

Magenta (100%)

Yellow (85%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.0810, -5.9559, 43.7790 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 23.0810, -5.9559, 43.7790 by changing the saturation by 10% instead.

■ 23.0810, -5.9559,
43.7790

■ 23.0810, -5.9559,
43.7790

■ 242.0400, -3.9637,
11.3659

■ 14.6510, -7.2229,
30.1241

■ 74.6530, -10.1819,
45.9083

■ 0.0000, 0.0000,
0.0000

■ 99.7350, -11.2084,
48.4674

■ 125.5180,
-12.0874, 50.4117

■ 152.3010,
-12.9664, 52.3560

■ 179.4970,
-13.5560, 54.8151

■ 202.8980,

-11.7817, 45.6935

■ 222.4120, -8.0911,
28.5797

■ 23.0810, -5.9559,
43.7790

■ 27.8740, -5.3609,
39.5755

■ 33.2540, -5.0552,
34.8572

■ 38.1610, -4.0234,
30.5538

■ 42.9540, -3.4283,
26.3503

■ 48.3340, -3.1227,
21.6321

■ 53.1270, -2.5276,
17.4286

■ 57.9200, -1.9326,
13.2252

■ 62.8270, -0.9007,
8.9217

■ 68.2070, -0.5951,
4.2035

Harmonies

Analogous

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



25.8600, 5.9850, 40.4648



23.0810, -5.9559, 43.7790



28.8160, -14.2063, 29.9794

Triad

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



23.0810, -5.9559, 43.7790



23.4800, -11.5756, -20.5920



31.0670, 25.1100, -27.2458

Complementary

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



23.0810, -5.9559, 43.7790



49.9190, 5.9559, -43.7790

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.



32.2750, 19.5844, -28.3052



23.0810, -5.9559, 43.7790



27.6180, -0.7977, -24.2210

Square

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



23.0810, -5.9559, 43.7790



27.7100, -13.6610, -5.0077



31.1690, 10.2697, -27.3352



28.6170, 24.3458, -15.4501

Rectangle

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



23.0810, -5.9559, 43.7790



30.8100, -15.1893, 18.5836



31.1690, 10.2697, -27.3352



32.0130, 23.6576, -28.0754

Sweetspot

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



23.0810, -5.9559, 43.7790



74.8280, -2.3802, 16.8138



26.5610, 22.8944, 30.2030



36.4250, -1.1955, 10.1513



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



23.0810, -5.9559, 43.7790



29.7020, -7.7411, 56.3893



35.9150, -17.7061, 32.5235



33.3100, -0.1528, 2.3591



31.3110, -8.0413, 59.3633



71.7490, -18.6103, 136.1551

Inverse Universe

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



23.0810, -5.9559, 43.7790



29.7020, -7.7411, 56.3893



37.0850, 17.7061, -32.5235



33.3100, -0.1528, 2.3591



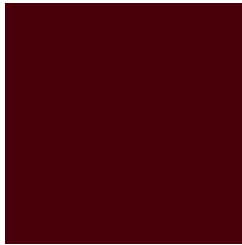
31.3110, -8.0413, 59.3633



71.7490, -18.6103, 136.1551

Previews

White Background



This preview shows how the YUV color 23.0810, -5.9559, 43.7790 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 23.0810, -5.9559, 43.7790

Background



This preview shows how black text looks on a background with the YUV color 23.0810, -5.9559, 43.7790.

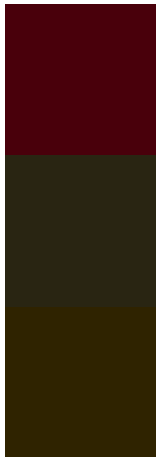


This preview shows how white text looks on a background with the YUV color 23.0810, -5.9559,

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

23.0810, -5.9559, 43.7790

Protanopia

36.0300, -8.8888, 4.3587

Deuteranopia

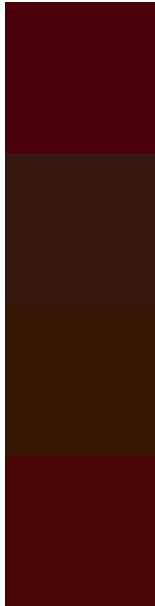
34.5980, -17.0568, 10.8766



Tritanopia

25.9360, -12.7864, 41.2751

Trichromacy



Original Color

23.0810, -5.9559, 43.7790

Protanomaly

31.6450, -8.2060, 18.7283

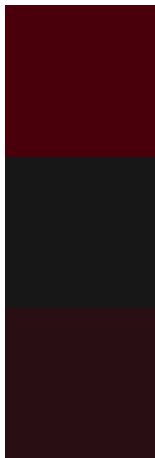
Deuteranomaly

30.1140, -12.8742, 22.7020

Tritanomaly

24.6310, -10.1711, 42.4196

Monochromacy



Original Color

23.0810, -5.9559, 43.7790

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.2300, -2.0854, 15.5843

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.0810, -5.9559, 43.7790 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(73, 0, 11)` looks like.

```
.text, #text, p{  
    color:rgb(73, 0, 11)  
}
```

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(73, 0, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 0, 11) }
```

Border

The CSS property to change the border of an element to YUV 23.0810, -5.9559, 43.7790 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(73, 0, 11) }
```


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

```
.border{ border-color:rgb(73, 0, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 0, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 0, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 0, 11); box-shadow:4px  
4px 4px 4px rgb(73, 0, 11) }
```

Background

The CSS property to change the background color of an element to YUV 23.0810, -5.9559, 43.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 0, 11) }
```

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

```
.background{ background-color: rgb(73, 0,  
11) }
```

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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