

Converting Colors

YUV(51.0330, -23.1873,
63.9921)

Have a look what the booklet for
YUV(51.0330, -23.1873, 63.9921)
contains.

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Color

**YUV(51.0330, -23.1873,
63.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	7C1704
RGB	124, 23, 4
RGB Percent	49%, 9%, 2%
CMY	0.5137, 0.9098, 0.9843
CMYK	0.00, 0.81, 0.97, 0.51
HSL	10°, 94%, 25%
HSV	10°, 97%, 49%
XYZ	8.6405, 4.9066, 0.6065
YIQ	51.0330, 66.2950, 15.5030

Conversions

Conversions Part 2

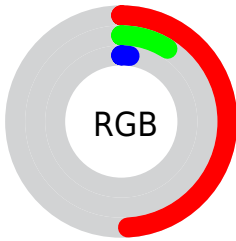
Format	Color
R_{YB}	124, 27, 4
Decimal	8132356
CIE _{Lab}	26.47, 41.77, 36.96
CIE _{LCh}	26, 55.775, 41.500
Yxy	4.9066, 0.6105, 0.3467
Android (android.graphics.Color)	4286322436 (0xFF7C1704)
YUV	51.0330, -23.1873, 63.9921
Hunter-Lab	22.1509, 30.8639, 13.8822

Details

The YUV color **51.0330, -23.1873, 63.9921** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **76.9670, 23.1873, -63.9921**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.9150, -27.5661, 68.4805**, and **19.7340, -9.7289, 40.5753** is the 20% darker color. If you saturate the color by 10%, you get **48.8160, -24.0663, 65.9364**, and if you desaturate by 10%, it is **58.2710, -20.8396, 57.6443**.

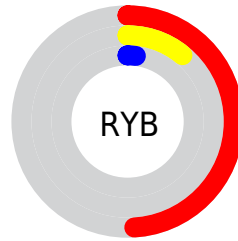
Distribution



Red (49%)

Green (9%)

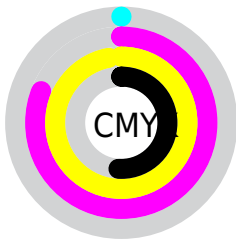
Blue (2%)



Red (49%)

Yellow (11%)

Blue (2%)

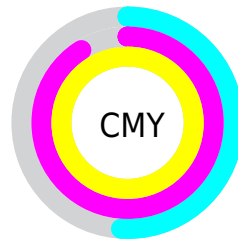


Cyan (0%)

Magenta (81%)

Yellow (97%)

Black (51%)



Cyan (51%)


Magenta (91%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.0330, -23.1873, 63.9921 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 51.0330, -23.1873, 63.9921 by changing the saturation by 10% instead.


 51.0330, -23.1873,
63.9921


 51.0330, -23.1873,
63.9921


 252.2640,
-10.4832, 2.3995


 28.4050, -14.0037,
58.4038

 105.9150,
-27.5661, 68.4805

 19.7340, -9.7289,
40.5753

 132.1820,
-29.1767, 71.7544

 12.0740, -5.4595,
24.4911

 160.1500,
-30.6400, 74.4134


 0.0000, 0.0000,
0.0000


 181.8390,
-29.0076, 64.1622


 200.6520,
-25.4644, 47.6632


 220.7530,


-22.0632, 30.0346


 240.2670,
-18.3726, 12.9208


 51.0330, -23.1873,
63.9921


 51.0330, -23.1873,
63.9921


 48.8160, -24.0663,
65.9364

 58.2710, -20.8396,
57.6443

 66.2100, -18.3445,
50.6818

 73.4480, -15.9969,
44.3341

 81.3870, -13.5018,
37.3716

 88.6250, -11.1541,
31.0239

■ 96.4500, -9.0958,
24.1614

■ 103.8020, -6.3114,
17.7136

■ 111.0400, -3.9637,
11.3659

■ 118.9790, -1.4686,
4.4034

Harmonies

Analogous

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



45.5380, 1.2138, 77.5812



51.0330, -23.1873, 63.9921



58.9510, -29.0628, 35.1230

Triad

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



51.0330, -23.1873, 63.9921



49.5480, -8.1582, -43.4536



53.7390, 45.9777, -47.1291

Complementary

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



51.0330, -23.1873, 63.9921



76.9670, 23.1873, -63.9921

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.



60.4410, 41.1946, -53.0068



51.0330, -23.1873, 63.9921



55.9660, 11.3558, -49.0822

Square

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



51.0330, -23.1873, 63.9921



43.4380, -21.4149, -38.0951



59.9390, 29.1171, -52.5665



63.0630, 31.5209, 16.6077

Rectangle

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



51.0330, -23.1873, 63.9921



59.1180, -29.1452, 14.8055



59.9390, 29.1171, -52.5665



56.9020, 45.4043, -49.9031

Sweetspot

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



51.0330, -23.1873, 63.9921



132.1620, -8.9539, 25.2909



51.5080, 26.8646, 63.5755



64.6060, -5.7218, 15.2545



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



51.0330, -23.1873, 63.9921



62.8140, -30.9673, 86.1091



85.6660, -40.2613, 33.6189



57.3810, -1.1738, 3.1739



49.1150, -24.2137, 66.5511



98.8280, -48.7222, 134.3318

Inverse Universe

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



76.9670, 23.1873, -63.9921



97.5990, 31.2567, -85.5943



42.3340, 40.2613, -33.6189



58.6190, 1.1738, -3.1739



75.8850, 24.2137, -66.5511



153.1720, 48.7222, -134.3318

Previews

White Background



This preview shows how the YUV color 51.0330, -23.1873, 63.9921 looks on a white background.

Color Contrast Check

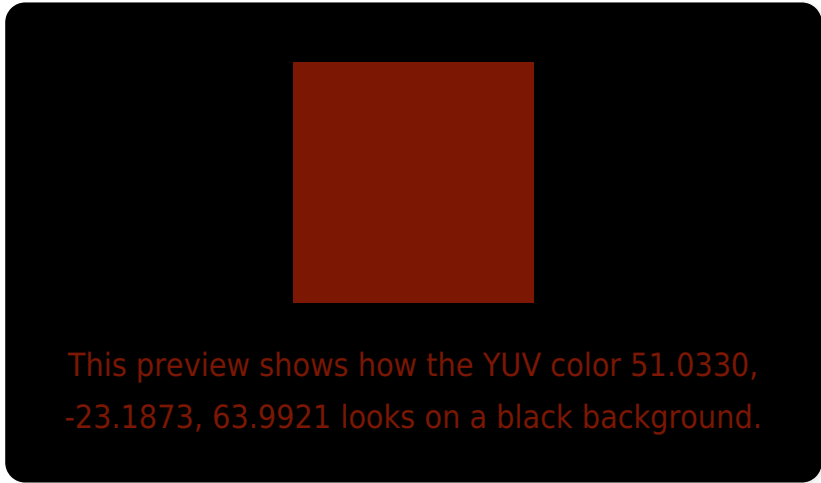
Large Text (above 18pt) WCAG AA ✓ Pass

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

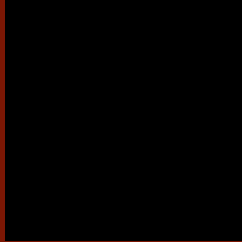
Any Text WCAG AA × Fail

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 51.0330, -23.1873, 63.9921 Background



This preview shows how black text looks on a background with the YUV color 51.0330, -23.1873, 63.9921.



This preview shows how white text looks on a background with the YUV color 51.0330, -23.1873,

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

51.0330, -23.1873, 63.9921

Protanopia

61.8060, -22.5824, 9.8171

Deuteranopia

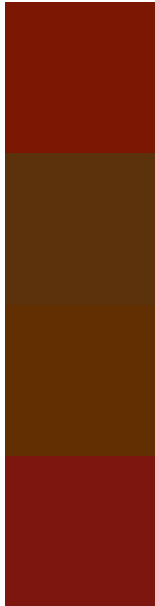
60.3250, -29.7402, 19.0090



Tritanopia

52.3840, -15.4723, 62.8072

Trichromacy



Original Color

51.0330, -23.1873, 63.9921

Protanomaly

58.2260, -22.7894, 29.6198

Deuteranomaly

56.7060, -27.4631, 35.3378

Tritanomaly

51.7000, -18.0931, 63.4071

Monochromacy



Original Color

51.0330, -23.1873, 63.9921

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2650, -8.5116, 23.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0330, -23.1873, 63.9921 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(124, 23, 4)` looks like.

```
.text, #text, p{  
    color:rgb(124, 23, 4)  
}
```

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(124, 23, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 23, 4) }
```

Border

The CSS property to change the border of an element to YUV 51.0330, -23.1873, 63.9921 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(124, 23, 4) }
```


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

```
.border{ border-color:rgb(124, 23, 4) }
```

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

Here you see how a box with a 4 pixel rgb(124, 23, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 23, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 23, 4);  
box-shadow:4px 4px 4px 4px rgb(124, 23, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.0330, -23.1873, 63.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 23, 4) }
```

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

```
.background{ background-color: rgb(124, 23,  
4) }
```

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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