

Converting Colors

YUV(70.8770, -23.6034,
10.6319)

Have a look what the booklet for
YUV(70.8770, -23.6034, 10.6319)
contains.

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Color

**YUV(70.8770, -23.6034,
10.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	534A17
RGB	83, 74, 23
RGB Percent	33%, 29%, 9%
CMY	0.6745, 0.7098, 0.9098
CMYK	0.00, 0.11, 0.72, 0.67
HSL	51°, 57%, 21%
HSV	51°, 72%, 33%
XYZ	6.1707, 6.7984, 1.7976
YIQ	70.8770, 21.7350, -13.9530

Conversions

Conversions Part 2

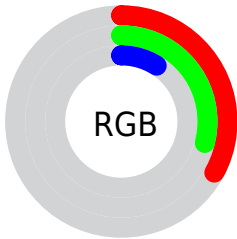
Format	Color
RYB	34, 83, 23
Decimal	5458455
CIELab	31.34, -3.11, 30.70
CIELCh	31, 30.858, 95.785
Yxy	6.7984, 0.4179, 0.4604
Android (android.graphics.Color)	4283648535 (0xFF534A17)
YUV	70.8770, -23.6034, 10.6319
Hunter-Lab	26.0738, -3.3847, 14.1640

Details

The YUV color **70.8770, -23.6034, 10.6319** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.1230, 23.6034, -10.6319**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8450, -25.0666, 13.2909**, and **28.6620, -14.1304, 5.5584** is the 20% darker color. If you saturate the color by 10%, you get **69.3780, -26.8084, 11.9465**, and if you desaturate by 10%, it is **72.3760, -20.3984, 9.3172**.

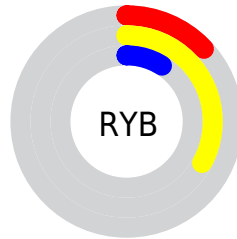
Distribution



 Red (33%)

 Green (29%)

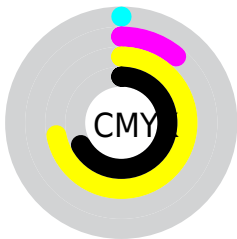
 Blue (9%)



 Red (13%)

 Yellow (33%)

 Blue (9%)

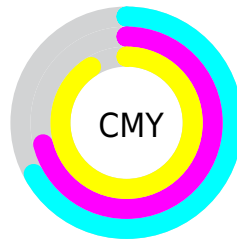


 Cyan (0%)

 Magenta (11%)

 Yellow (72%)

 Black (67%)



 Cyan (67%)

 Magenta (71%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8770, -23.6034, 10.6319 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 70.8770, -23.6034, 10.6319 by changing the saturation by 10% instead.

■ 70.8770, -23.6034,
10.6319

■ 70.8770, -23.6034,
10.6319

■ 255.0000, 0.0000,
0.0000

■ 48.1650, -23.7453,
9.5023

■ 119.8450,
-25.0666, 13.2909

■ 28.6620, -14.1304,
5.5584

■ 145.6170,
-25.9402, 13.4909

■ 4.1090, -2.0257,
-3.6036

■ 172.8020,
-26.5244, 14.2056

■ 0.0000, 0.0000,
0.0000

■ 199.9870,
-27.1086, 14.9204

■ 228.0580,
-28.1296, 15.7351

■ 248.6160,

-24.4607, 5.5988

251.8080,
-12.2303, 2.7994

70.8770, -23.6034,
10.6319

70.8770, -23.6034,
10.6319

69.3780, -26.8084,
11.9465

72.3760, -20.3984,
9.3172

67.7650, -30.4501,
13.3611

73.9890, -16.7566,
7.9026

66.4940, -32.7815,
14.4758

76.0750, -13.8410,
6.0732

77.5740, -10.6360,
4.7586

79.1870, -6.9942,
3.3440

■ 80.6860, -3.7892,
2.0294

■ 82.7720, -0.8736,
0.2000

■ 84.2710, 2.3314,
-1.1147

■ 85.8840, 5.9732,
-2.5293

Harmonies

Analogous

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



72.2580, -21.3262, 26.9607



70.8770, -23.6034, 10.6319



68.0640, -17.2866, -8.8261

Triad

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



70.8770, -23.6034, 10.6319



61.4090, 19.5184, -53.8557



75.5810, 9.0806, 27.5545

Complementary

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



70.8770, -23.6034, 10.6319



35.1230, 23.6034, -10.6319

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.



75.2560, 18.6078, 5.0375



70.8770, -23.6034, 10.6319



61.4720, 27.3753, -53.9109

Square

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



70.8770, -23.6034, 10.6319



59.3740, 9.1826, -52.0710



68.9960, 26.1310, -28.0605



73.7860, -1.8665, 38.7757

Rectangle

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



70.8770, -23.6034, 10.6319



64.6150, -9.6702, -25.0954



68.9960, 26.1310, -28.0605



76.0470, 12.3018, 21.0068

Sweetspot

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



70.8770, -23.6034, 10.6319



102.6170, -9.1782, 3.8439



41.9660, -4.9132, 35.9868



50.6430, -5.2470, 2.9441



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



70.8770, -23.6034, 10.6319



88.1800, -36.5707, 16.5051



69.8810, -23.1123, -6.9116



39.9570, -1.4578, 0.9147



83.6380, -41.2335, 18.7345



185.0070, -91.2085, 41.2129

Inverse Universe

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



35.1230, 23.6034, -10.6319



32.8200, 36.5707, -16.5051



36.1190, 23.1123, 6.9116



37.4560, 1.7472, -0.3999



21.3620, 41.2335, -18.7345



46.9930, 91.2085, -41.2129

Previews

White Background



This preview shows how the YUV color 70.8770, -23.6034, 10.6319 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 70.8770, -23.6034, 10.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

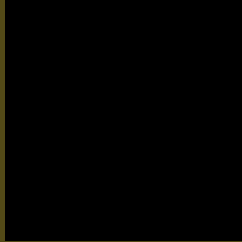
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8770, -23.6034, 10.6319

Background



This preview shows how black text looks on a background with the YUV color 70.8770, -23.6034, 10.6319.



This preview shows how white text looks on a background with the YUV color 70.8770, -23.6034,

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

70.8770, -23.6034, 10.6319

Protanopia

70.8770, -23.6034, 10.6319

Deuteranopia

71.3340, -23.3357, 18.1241



Tritanopia

74.9520, -0.4693, 10.5661

Trichromacy



Original Color

70.8770, -23.6034, 10.6319

Protanomaly

70.8770, -23.6034, 10.6319

Deuteranomaly

71.0240, -23.1828, 15.7650

Tritanomaly

73.6610, -9.1999, 10.8213

Monochromacy



Original Color

70.8770, -23.6034, 10.6319

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8450, -8.3046, 3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8770, -23.6034, 10.6319 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(83, 74, 23)` looks like.

```
.text, #text, p{  
    color:rgb(83, 74, 23)  
}
```

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(83, 74, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 74, 23) }
```

Border

The CSS property to change the border of an element to YUV 70.8770, -23.6034, 10.6319 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(83, 74, 23) }
```


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

```
.border{ border-color:rgb(83, 74, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 74, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 74, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 74, 23);  
box-shadow:4px 4px 4px 4px rgb(83, 74, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.8770, -23.6034, 10.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 74, 23) }
```

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

```
.background{ background-color: rgb(83, 74,  
23) }
```

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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