

Converting Colors

YUV(51.0720, 4.4015, 35.0169)

Have a look what the booklet for
YUV(51.0720, 4.4015, 35.0169)
contains.

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Color

**YUV(51.0720, 4.4015,
35.0169)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1D3C
RGB	91, 29, 60
RGB Percent	36%, 11%, 24%
CMY	0.6431, 0.8863, 0.7647
CMYK	0.00, 0.68, 0.34, 0.64
HSL	330°, 52%, 24%
HSV	330°, 68%, 36%
XYZ	5.5694, 3.4291, 4.6433
YIQ	51.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

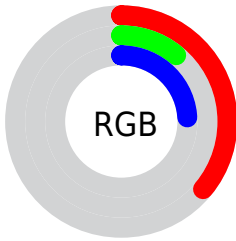
Format	Color
R_{YB}	91, 29, 60
Decimal	5971260
CIE _{Lab}	21.69, 31.76, -4.90
CIE _{LCh}	22, 32.138, 351.234
Yxy	3.4291, 0.4083, 0.2514
Android (android.graphics.Color)	4284161340 (0xFF5B1D3C)
YUV	51.0720, 4.4015, 35.0169
Hunter-Lab	18.5179, 21.2786, -1.9043

Details

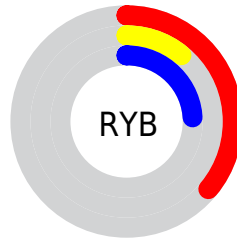
The YUV color **51.0720, 4.4015, 35.0169** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **68.9280, -4.4015, -35.0169**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.4530, 3.2277, 38.1907**, and **15.2080, 1.3765, 25.2506** is the 20% darker color. If you saturate the color by 10%, you get **45.2190, 4.8220, 40.1499**, and if you desaturate by 10%, it is **56.9250, 3.9810, 29.8838**.

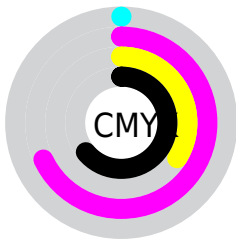
Distribution



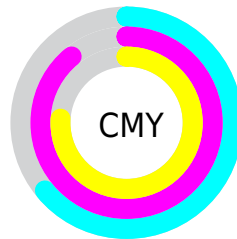
- Red (36%)
- Green (11%)
- Blue (24%)



- Red (36%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (34%)
- Black (64%)



- Cyan (64%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0720, 4.4015, 35.0169 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 51.0720, 4.4015, 35.0169 by changing the saturation by 10% instead.

■ 51.0720, 4.4015,
35.0169

■ 51.0720, 4.4015,
35.0169

■ 255.0000, 0.0000,
0.0000

■ 25.8270, 6.0013,
35.2317

■ 100.4530, 3.2277,
38.1907

■ 15.2080, 1.3765,
25.2506

■ 126.0510, 2.9329,
39.4203

■ 0.0000, 0.0000,
0.0000

■ 152.7630, 3.0748,
40.5498

■ 179.6600, 2.6326,
42.3942

■ 207.3610, 2.7800,
41.7794

■ 227.1030, 7.3442,

24.4657

245.0210, 4.9196,
8.7516

51.0720, 4.4015,
35.0169

51.0720, 4.4015,
35.0169

45.2190, 4.8220,
40.1499

56.9250, 3.9810,
29.8838

39.4800, 5.6794,
45.1830

62.6640, 3.1236,
24.8507

33.6270, 6.0999,
50.3161

68.5170, 2.7031,
19.7176

32.4530, 6.6787,
51.3457

74.2560, 1.8458,
14.6845

80.6960, 1.1359,
9.0366

■ 86.4350, 0.2785,
4.0035

■ 92.2880, -0.1420,
-1.1296

■ 98.0270, -0.9993,
-6.1627

■ 103.8800, -1.4198,
-11.2958

Harmonies

Analogous

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



53.7800, 13.9125, 17.7329



51.0720, 4.4015, 35.0169



49.8200, -6.8133, 38.7459

Triad

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



51.0720, 4.4015, 35.0169



47.2240, -23.2814, 0.6806



45.9530, 21.2222, -40.3008

Complementary

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



51.0720, 4.4015, 35.0169



68.9280, -4.4015, -35.0169

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.



44.8470, 11.9074, -39.3308



51.0720, 4.4015, 35.0169



42.2840, -10.9860, -23.0511

Square

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



51.0720, 4.4015, 35.0169



49.1060, -24.2093, 18.3240



41.9970, 0.9875, -36.8314



44.7450, 26.7477, -39.2414

Rectangle

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



51.0720, 4.4015, 35.0169



49.9630, -13.7858, 35.1124



41.9970, 0.9875, -36.8314



45.8560, 18.3120, -40.2157

Sweetspot

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



51.0720, 4.4015, 35.0169



102.2450, 1.8512, 12.9401



45.3370, 22.5119, 12.8595



49.9840, 0.9939, 7.9070



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



51.0720, 4.4015, 35.0169



55.1760, 6.8152, 54.2196



47.5380, -9.1392, 38.1162



42.8370, 0.5734, 2.7740



39.1600, 7.8091, 62.1267



84.4290, 17.0435, 133.8048

Inverse Universe

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



51.0720, 4.4015, 35.0169



55.1760, 6.8152, 54.2196



72.4620, 9.1392, -38.1162



42.8370, 0.5734, 2.7740



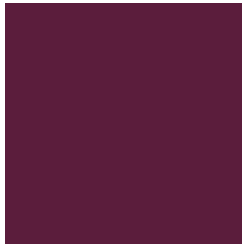
39.1600, 7.8091, 62.1267



84.4290, 17.0435, 133.8048

Previews

White Background



This preview shows how the YUV color 51.0720, 4.4015, 35.0169 looks on a white background.

Color Contrast Check

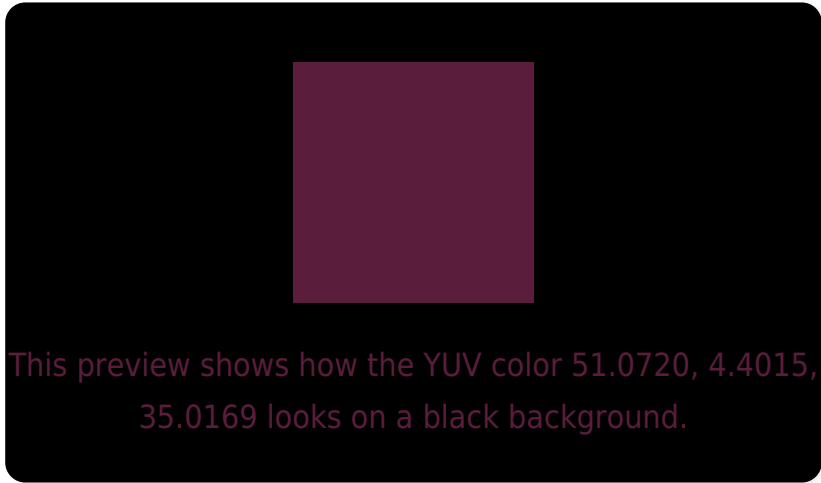
Large Text (above 18pt) WCAG AA ✓ Pass

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

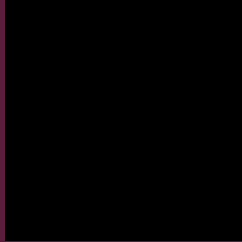
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.0720, 4.4015, 35.0169

Background



This preview shows how black text looks on a background with the YUV color 51.0720, 4.4015, 35.0169.



This preview shows how white text looks on a background with the YUV color 51.0720, 4.4015,

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

51.0720, 4.4015, 35.0169

Protanopia

52.9420, 11.3676, -6.0881

Deuteranopia

54.0650, 1.4470, 2.5740



Tritanopia

51.3740, -7.0864, 32.9980

Trichromacy



Original Color

51.0720, 4.4015, 35.0169

Protanomaly

52.3460, 8.7034, 8.4666

Deuteranomaly

53.0710, 2.4300, 13.9697

Tritanomaly

51.4110, -3.1606, 33.8426

Monochromacy



Original Color

51.0720, 4.4015, 35.0169

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0720, 4.4015, 35.0169 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(91, 29, 60)` looks like.

```
.text, #text, p{  
    color:rgb(91, 29, 60)  
}
```

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(91, 29, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 29, 60) }
```

Border

The CSS property to change the border of an element to YUV 51.0720, 4.4015, 35.0169 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(91, 29, 60) }
```


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

```
.border{ border-color:rgb(91, 29, 60) }
```

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

Here you see how a box with a 4 pixel rgb(91, 29, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 29, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 29, 60);  
box-shadow:4px 4px 4px 4px rgb(91, 29, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.0720, 4.4015, 35.0169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 29, 60) }
```

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

```
.background{ background-color: rgb(91, 29,  
60) }
```

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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