

Converting Colors

YUV(51.3560, 3.7685, 51.4308)

Have a look what the booklet for
YUV(51.3560, 3.7685, 51.4308)
contains.

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Color

**YUV(51.3560, 3.7685,
51.4308)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6E143B |
| RGB | 110, 20, 59 |
| RGB Percent | 43%, 8%, 23% |
| CMY | 0.5686, 0.9216, 0.7686 |
| CMYK | 0.00, 0.82, 0.46, 0.57 |
| HSL | 334°, 69%, 25% |
| HSV | 334°, 82%, 43% |
| XYZ | 7.4700, 4.1311, 4.5413 |
| YIQ | 51.3560, 41.1210, 31.2090 |

Conversions

Conversions Part 2

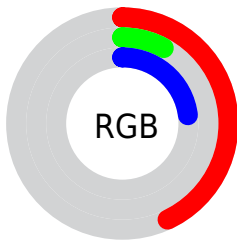
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 110, 20, 59 |
| Decimal | 7214139 |
| CIE Lab | 24.10, 41.33, -0.22 |
| CIE LCh | 24, 41.328, 359.693 |
| Yxy | 4.1311, 0.4628, 0.2559 |
| Android (android.graphics.Color) | 4285404219 (0xFF6E143B) |
| YUV | 51.3560, 3.7685, 51.4308 |
| Hunter-Lab | 20.3250, 30.0345, 0.9800 |

Details

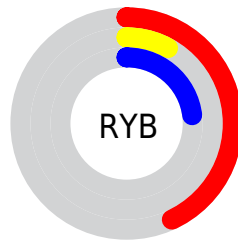
The YUV color **51.3560, 3.7685, 51.4308** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **78.6440, -3.7685, -51.4308**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.2700, 0.8529, 53.2602**, and **19.1660, -1.5608, 34.0574** is the 20% darker color. If you saturate the color by 10%, you get **44.2150, 4.3310, 57.6934**, and if you desaturate by 10%, it is **58.4970, 3.2060, 45.1681**.

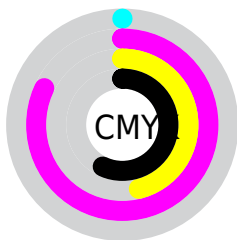
Distribution



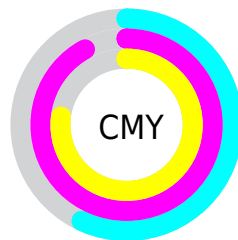
- Red (43%)
- Green (8%)
- Blue (23%)



- Red (43%)
- Yellow (8%)
- Blue (23%)



- Cyan (0%)
- Magenta (82%)
- Yellow (46%)
- Black (57%)



- Cyan (57%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.3560, 3.7685, 51.4308 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 51.3560, 3.7685, 51.4308 by changing the saturation by 10% instead.

■ 51.3560, 3.7685,
51.4308

■ 51.3560, 3.7685,
51.4308

255.0000, 0.0000,
0.0000

■ 29.0350, 3.9267,
47.3273

■ 104.2700, 0.8529,
53.2602

■ 19.1660, -1.5608,
34.0574

■ 131.0530, -0.0261,
55.2045

■ 8.7850, -3.8380,
17.7286

■ 158.5370, -0.7577,
56.5341

■ 0.0000, 0.0000,
0.0000

■ 185.8470, -0.9106,
58.8932

■ 206.0730, 2.9220,
42.9090


■ 225.7010, 7.0494,

25.6952


 244.4340, 5.2090,
9.2664


 51.3560, 3.7685,
51.4308

 51.3560, 3.7685,
51.4308

 44.2150, 4.3310,
57.6934


 58.4970, 3.2060,
45.1681

 38.3620, 4.7515,
62.8265

 65.6380, 2.6435,
38.9055

 72.8930, 2.5178,
32.5428

 80.0340, 1.9552,
26.2802

 87.1750, 1.3927,
20.0175

■ 94.3160, 0.8302,
13.7549

■ 101.5710, 0.7045,
7.3922

■ 108.7120, 0.1420,
1.1296

■ 115.8530, -0.4205,
-5.1331

Harmonies

Analogous

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



56.7370, 15.9057, 31.8027



51.3560, 3.7685, 51.4308



51.7460, -11.2138, 50.2118

Triad

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



51.3560, 3.7685, 51.4308



49.8270, -24.5647, -7.7413



52.5700, 28.8060, -46.1039

Complementary

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



51.3560, 3.7685, 51.4308



78.6440, -3.7685, -51.4308

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.



51.5950, 17.4547, -45.2488



51.3560, 3.7685, 51.4308



43.2390, -9.4848, -37.9206

Square

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



51.3560, 3.7685, 51.4308



54.4000, -26.8192, 15.4352



48.0610, 3.9139, -42.1495



49.4870, 34.7629, -43.4001

Rectangle

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



51.3560, 3.7685, 51.4308



53.4170, -22.3906, 41.7303



48.0610, 3.9139, -42.1495



52.3590, 25.4590, -45.9188

Sweetspot

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



51.3560, 3.7685, 51.4308



119.5880, 1.6821, 20.5323



45.5090, 31.7941, 22.3556



57.3050, 0.8356, 12.0105



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



51.3560, 3.7685, 51.4308



51.7000, 5.5709, 80.0701



50.4320, -15.0030, 52.2411



52.1360, 0.4260, 3.3887



41.8080, 5.0247, 68.5744



86.0510, 10.3279, 141.1523

Inverse Universe

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



51.3560, 3.7685, 51.4308



51.7000, 5.5709, 80.0701



79.5680, 15.0030, -52.2411



52.1360, 0.4260, 3.3887



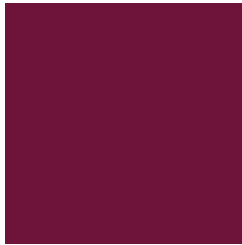
41.8080, 5.0247, 68.5744



86.0510, 10.3279, 141.1523

Previews

White Background



This preview shows how the YUV color 51.3560, 3.7685, 51.4308 looks on a white background.

Color Contrast Check

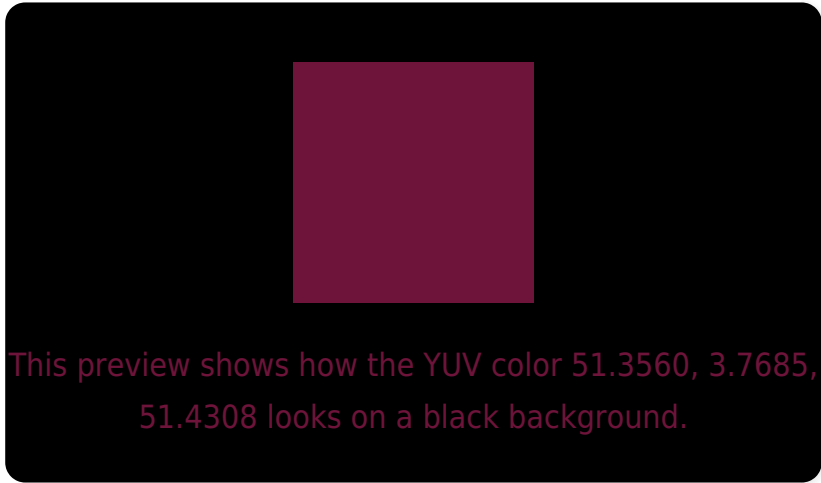
Large Text (above 18pt) WCAG AA ✓ Pass

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

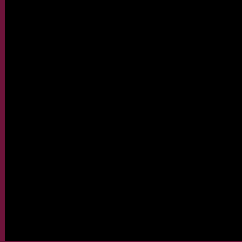
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.3560, 3.7685, 51.4308

Background



This preview shows how black text looks on a background with the YUV color 51.3560, 3.7685, 51.4308.



This preview shows how white text looks on a background with the YUV color 51.3560, 3.7685,

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

51.3560, 3.7685, 51.4308

Protanopia

59.7140, 10.4940, -5.8882

Deuteranopia

59.7620, -2.3477, 6.3477



Tritanopia

52.7350, -11.2084, 48.4674

Trichromacy



Original Color

51.3560, 3.7685, 51.4308

Protanomaly

56.8630, 7.9555, 15.0291

Deuteranomaly

57.0290, -0.5073, 22.7766

Tritanomaly

52.5270, -5.6828, 49.5268

Monochromacy



Original Color

51.3560, 3.7685, 51.4308

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1640, 1.3981, 18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.3560, 3.7685, 51.4308 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(110, 20, 59)` looks like.

```
.text, #text, p{  
    color:rgb(110, 20, 59)  
}
```

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(110, 20, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 20, 59) }
```

Border

The CSS property to change the border of an element to YUV 51.3560, 3.7685, 51.4308 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(110, 20, 59) }
```


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

```
.border{ border-color:rgb(110, 20, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 20, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 20, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 20, 59);  
box-shadow:4px 4px 4px 4px rgb(110, 20,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 51.3560, 3.7685, 51.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 20, 59) }
```

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

```
.background{ background-color: rgb(110, 20,  
59) }
```

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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