

Converting Colors

YUV(40.1170, 23.1133, 53.3944)

Have a look what the booklet for
YUV(40.1170, 23.1133, 53.3944)
contains.

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Color

**YUV(40.1170, 23.1133,
53.3944)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 650057 |
| RGB | 101, 0, 87 |
| RGB Percent | 40%, 0%, 34% |
| CMY | 0.6039, 1.0000, 0.6588 |
| CMYK | 0.00, 1.00, 0.14, 0.60 |
| HSL | 308°, 100%, 20% |
| HSV | 308°, 100%, 40% |
| XYZ | 7.0871, 3.4548, 9.3101 |
| YIQ | 40.1170, 32.2690, 48.4690 |

Conversions

Conversions Part 2

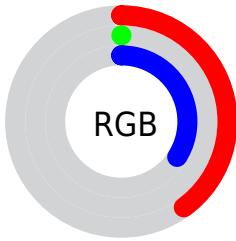
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 101, 0, 87 |
| Decimal | 6619223 |
| CIE _{Lab} | 21.78, 47.60, -22.97 |
| CIE _{LCh} | 22, 52.856, 334.239 |
| Yxy | 3.4548, 0.3570, 0.1740 |
| Android (android.graphics.Color) | 4284809303 (0xFF650057) |
| YUV | 40.1170, 23.1133, 53.3944 |
| Hunter-Lab | 18.5871, 35.5331, -16.6868 |

Details

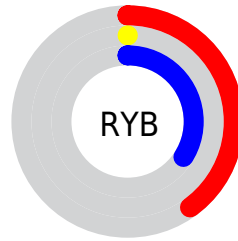
The YUV color **40.1170, 23.1133, 53.3944** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **60.8830, -23.1133, -53.3944**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.9440, 18.7616, 49.1611**, and **20.2220, 10.2436, 27.8693** is the 20% darker color. If you saturate the color by 10%, you get **40.1170, 23.1133, 53.3944**, and if you desaturate by 10%, it is **46.1010, 20.6562, 48.1464**.

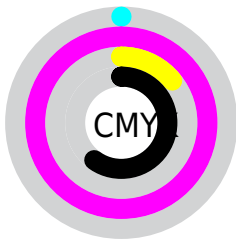
Distribution



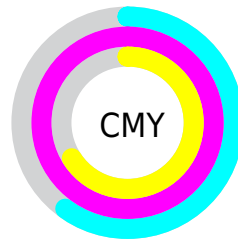
- Red (40%)
- Green (0%)
- Blue (34%)



- Red (40%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (60%)





- Cyan (60%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YUV color 40.1170, 23.1133, 53.3944 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 40.1170, 23.1133, 53.3944 by changing the saturation by 10% instead.


 40.1170, 23.1133,
53.3944


 40.1170, 23.1133,
53.3944


255.0000, 0.0000,
0.0000


 29.6070, 16.4627,
39.8097

 98.9440, 18.7616,
49.1611


 20.2220, 10.2436,
27.8693


 125.6560, 18.9036,
50.2907

 7.8470, 5.4984,
9.7812

 153.2540, 18.6088,
51.5202

 0.0000, 0.0000,
0.0000


 180.9660, 18.7508,
52.6498


 204.1930, 21.1039,
44.5577


 221.5410, 16.4953,


29.3435


 238.5640, 8.1029,
14.4144


 40.1170, 23.1133,
53.3944

 46.1010, 20.6562,
48.1464

 52.1990, 18.6359,
42.7985

 58.1830, 16.1788,
37.5505

 64.2810, 14.1585,
32.2026

 70.8520, 11.4120,
26.4398

■ 76.8360, 8.9549,
21.1918

■ 82.9340, 6.9345,
15.8439

■ 88.9180, 4.4774,
10.5959

■ 95.0160, 2.4571,
5.2480

Harmonies

Analogous

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



51.6050, 32.7327, 1.2234



40.1170, 23.1133, 53.3944



40.5690, 4.1565, 67.0300

Triad

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



40.1170, 23.1133, 53.3944



49.0510, -24.1821, 9.6023



50.8600, 22.2540, -44.6042

Complementary

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



40.1170, 23.1133, 53.3944



60.8830, -23.1133, -53.3944

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.



45.8270, 5.5083, -40.1903



40.1170, 23.1133, 53.3944



41.1780, -20.3008, -22.0811

Square

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



40.1170, 23.1133, 53.3944



48.3410, -23.8321, 37.4119



40.3380, -12.9846, -35.3764



52.2910, 35.3525, -45.8592

Rectangle

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



40.1170, 23.1133, 53.3944



37.0070, -6.9055, 68.3999



40.3380, -12.9846, -35.3764



49.4920, 17.0124, -43.4045

Sweetspot

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



40.1170, 23.1133, 53.3944



106.5370, 9.1023, 20.5771



15.4010, 42.2003, -2.1057



51.5700, 5.6350, 12.6551



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



40.1170, 23.1133, 53.3944



51.6380, 29.7585, 68.7235



34.4170, 1.2734, 58.3933



47.9510, 1.0102, 2.6740



45.6710, 26.2912, 60.8015



96.1840, 55.6183, 127.8806

Inverse Universe

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



40.1170, 23.1133, 53.3944



51.6380, 29.7585, 68.7235



66.5830, -1.2734, -58.3933



47.9510, 1.0102, 2.6740



45.6710, 26.2912, 60.8015



96.1840, 55.6183, 127.8806

Previews

White Background



This preview shows how the YUV color 40.1170, 23.1133, 53.3944 looks on a white background.

Color Contrast Check

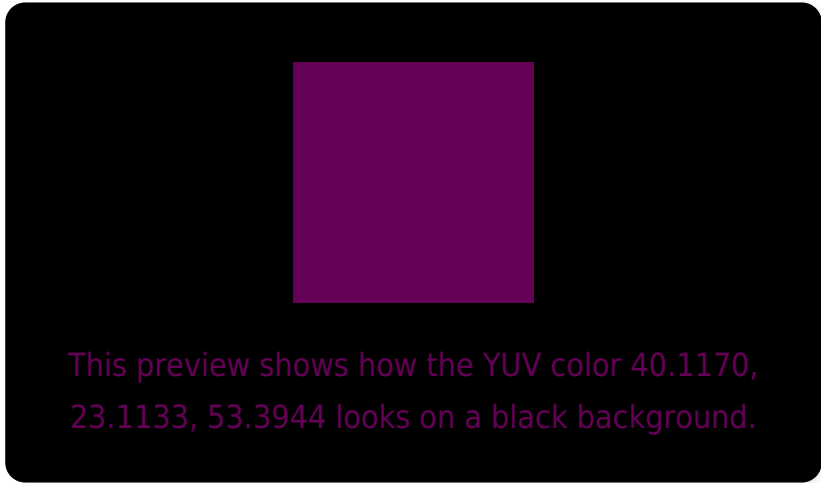
Large Text (above 18pt) WCAG AA ✓ Pass

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

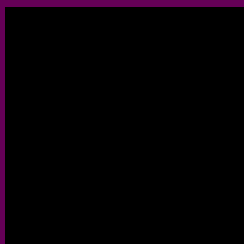
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.1170, 23.1133, 53.3944

Background



This preview shows how black text looks on a background with the YUV color 40.1170, 23.1133, 53.3944.



This preview shows how white text looks on a background with the YUV color 40.1170, 23.1133,

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



Protanopia

44.8080, 34.6047, -39.2966

Deuteranopia

55.9740, 12.8308, -8.7472

Tritanopia

52.7660, -8.2656, 37.9162

Trichromacy



Protanomaly

42.9910, 30.5704, -5.2541

Deuteranomaly

50.4420, 16.5441, 13.6444

Tritanomaly

48.4860, 3.2114, 43.4238

Monochromacy



Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7110, 8.5235, 19.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.1170, 23.1133, 53.3944 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(101, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(101, 0, 87)  
}
```

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(101, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 0, 87) }
```

Border

The CSS property to change the border of an element to YUV 40.1170, 23.1133, 53.3944 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(101, 0, 87) }
```

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

```
.border{ border-color:rgb(101, 0, 87) }
```

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

Here you see how a box with a 4 pixel rgb(101, 0, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(101, 0, 87)  
}
```


Background

The CSS property to change the background color of an element to YUV 40.1170, 23.1133, 53.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 0, 87) }
```

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

```
.background{ background-color: rgb(101, 0,  
87) }
```

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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