

Converting Colors

YUV(44.3760, 6.7166, 39.1352)

Have a look what the booklet for
YUV(44.3760, 6.7166, 39.1352)
contains.

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Color

**YUV(44.3760, 6.7166,
39.1352)**

Conversions

Conversions Part 1

Format	Color
Hex	59133A
RGB	89, 19, 58
RGB Percent	35%, 7%, 23%
CMY	0.6510, 0.9255, 0.7725
CMYK	0.00, 0.79, 0.35, 0.65
HSL	327°, 65%, 21%
HSV	327°, 79%, 35%
XYZ	5.1164, 2.8951, 4.2921
YIQ	44.3760, 29.2010, 26.9690

Conversions

Conversions Part 2

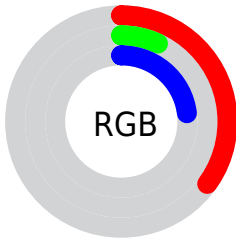
Format	Color
R_{YB}	89, 19, 58
Decimal	5837626
CIE _{Lab}	19.62, 35.26, -6.66
CIE _{LCh}	20, 35.884, 349.312
Yxy	2.8951, 0.4158, 0.2353
Android (android.graphics.Color)	4284027706 (0xFF59133A)
YUV	44.3760, 6.7166, 39.1352
Hunter-Lab	17.0149, 23.8991, -3.0458

Details

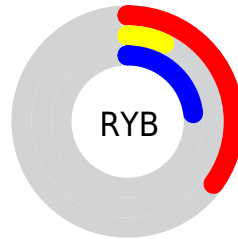
The YUV color **44.3760, 6.7166, 39.1352** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **63.6240, -6.7166, -39.1352**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.9310, 4.9640, 41.2795**, and **14.5670, 0.2135, 24.9357** is the 20% darker color. If you saturate the color by 10%, you get **38.6370, 7.5740, 44.1684**, and if you desaturate by 10%, it is **50.1150, 5.8593, 34.1021**.

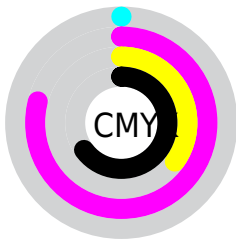
Distribution



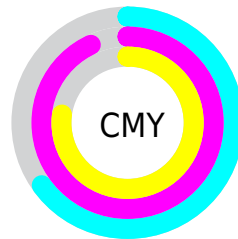
- Red (35%)
- Green (7%)
- Blue (23%)



- Red (35%)
- Yellow (7%)
- Blue (23%)



- Cyan (0%)
- Magenta (79%)
- Yellow (35%)
- Black (65%)



- Cyan (65%)
- Magenta (93%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.3760, 6.7166, 39.1352 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 44.3760, 6.7166, 39.1352 by changing the saturation by 10% instead.

■ 44.3760, 6.7166,
39.1352

■ 44.3760, 6.7166,
39.1352

■ 255.0000, 0.0000,
0.0000

■ 23.2400, 6.2907,
35.7465

■ 94.9310, 4.9640,
41.2795

■ 14.5670, 0.2135,
24.9357

■ 120.5290, 4.6692,
42.5091

■ 0.0000, 0.0000,
0.0000

■ 147.1270, 4.3744,
43.7386

■ 174.1380, 4.3690,
45.4830


■ 201.8500, 4.5110,
46.6126

■ 221.4780, 8.6383,


29.3988

 239.7380, 7.5242,
13.3848

 44.3760, 6.7166,
39.1352


 44.3760, 6.7166,
39.1352


 38.6370, 7.5740,
44.1684

 50.1150, 5.8593,
34.1021


 32.8980, 8.4313,
49.2015

 55.8540, 5.0020,
29.0690

 32.3110, 8.7207,
49.7163

 61.5930, 4.1447,
24.0359

 67.3320, 3.2873,
19.0028

 73.0710, 2.4300,
13.9697

■ 78.2230, 1.8621,
9.4514

■ 83.9620, 1.0047,
4.4183

■ 89.7010, 0.1474,
-0.6148

■ 95.3260, -1.1467,
-5.5479

Harmonies

Analogous

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



48.7630, 16.3858, 17.7478



44.3760, 6.7166, 39.1352



42.6080, -5.2297, 44.1938

Triad

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



44.3760, 6.7166, 39.1352



43.0930, -21.2448, 0.7954



43.9640, 21.2167, -38.5564

Complementary

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



44.3760, 6.7166, 39.1352



63.6240, -6.7166, -39.1352

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.



41.9290, 10.8810, -36.7717



44.3760, 6.7166, 39.1352



35.3930, -13.0117, -26.6547

Square

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



44.3760, 6.7166, 39.1352



45.2740, -22.3201, 19.0537



38.8510, -0.9125, -34.0723



42.3970, 27.9053, -37.1822

Rectangle

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



44.3760, 6.7166, 39.1352



43.8710, -14.2334, 38.7011



38.8510, -0.9125, -34.0723



43.1660, 18.1592, -37.8566

Sweetspot

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



44.3760, 6.7166, 39.1352



97.1960, 2.8614, 15.6141



35.9500, 26.1536, 11.4448



48.1090, 1.4253, 9.5514



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.



44.3760, 6.7166, 39.1352



46.1320, 10.2879, 60.3972



40.5000, -8.1345, 42.5345



40.4240, 0.2840, 2.2592



38.8330, 10.4353, 59.7825



85.1990, 22.5799, 131.3755

Inverse Universe

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



44.3760, 6.7166, 39.1352



46.1320, 10.2879, 60.3972



67.5000, 8.1345, -42.5345



40.4240, 0.2840, 2.2592



38.8330, 10.4353, 59.7825



85.1990, 22.5799, 131.3755

Previews

White Background



This preview shows how the YUV color 44.3760, 6.7166, 39.1352 looks on a white background.

Color Contrast Check

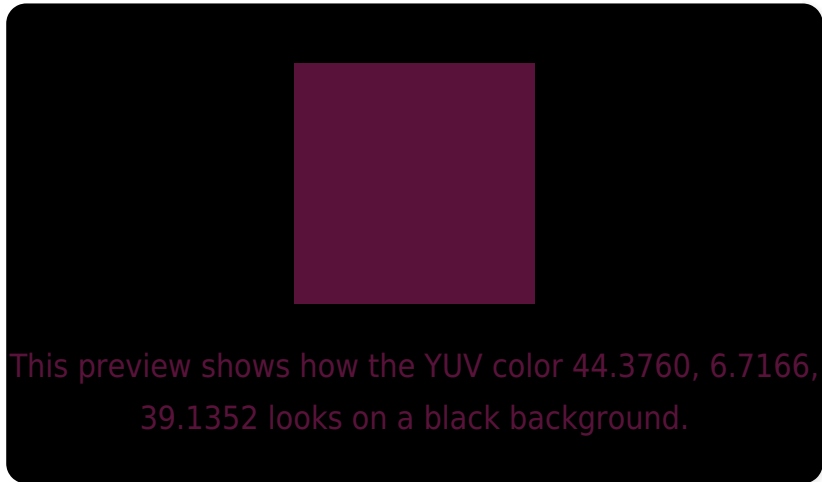
Large Text (above 18pt) WCAG AA ✓ Pass

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

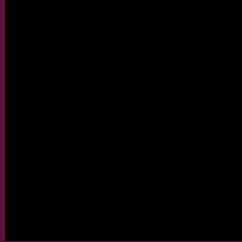
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.3760, 6.7166, 39.1352

Background



This preview shows how black text looks on a background with the YUV color 44.3760, 6.7166, 39.1352.



This preview shows how white text looks on a background with the YUV color 44.3760, 6.7166, 39.1352.

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

44.3760, 6.7166, 39.1352

Protanopia

48.4300, 14.5780, -9.1471

Deuteranopia

49.8800, 2.0312, 1.8592



Tritanopia

45.8690, -7.8234, 36.0719

Trichromacy



Original Color

44.3760, 6.7166, 39.1352

Protanomaly

46.8560, 11.9030, 8.8963

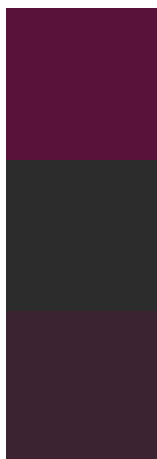
Deuteranomaly

47.4240, 3.7350, 15.4142

Tritanomaly

45.5470, -2.7347, 37.2313

Monochromacy



Original Color

44.3760, 6.7166, 39.1352

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.3760, 6.7166, 39.1352 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(89, 19, 58)` looks like.

```
.text, #text, p{  
    color:rgb(89, 19, 58)  
}
```

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(89, 19, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 19, 58) }
```

Border

The CSS property to change the border of an element to YUV 44.3760, 6.7166, 39.1352 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(89, 19, 58) }
```


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

```
.border{ border-color:rgb(89, 19, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 19, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 19, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 19, 58);  
box-shadow:4px 4px 4px 4px rgb(89, 19, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.3760, 6.7166, 39.1352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 19, 58) }
```

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

```
.background{ background-color: rgb(89, 19,  
58) }
```

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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