

Converting Colors

YUV(39.7960, 6.5096, 58.9379)

Have a look what the booklet for
YUV(39.7960, 6.5096, 58.9379)
contains.

YUV(39.7960, 6.5096, 58.9379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(39.7960, 6.5096,
58.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0335
RGB	107, 3, 53
RGB Percent	42%, 1%, 21%
CMY	0.5804, 0.9882, 0.7922
CMYK	0.00, 0.97, 0.50, 0.58
HSL	331°, 95%, 22%
HSV	331°, 97%, 42%
XYZ	6.7386, 3.4480, 3.6785
YIQ	39.7960, 45.9340, 37.5980

Conversions

Conversions Part 2

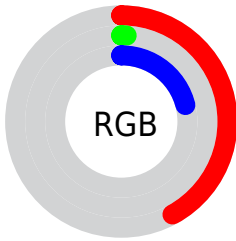
Format	Color
R_{YB}	107, 3, 53
Decimal	7013173
CIE Lab	21.76, 44.20, 0.44
CIE LCh	22, 44.204, 0.571
Yxy	3.4480, 0.4860, 0.2487
Android (android.graphics.Color)	4285203253 (0xFF6B0335)
YUV	39.7960, 6.5096, 58.9379
Hunter-Lab	18.5687, 32.2823, 1.2525

Details

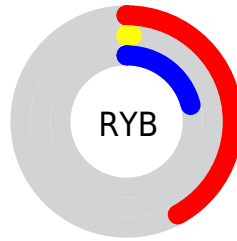
The YUV color **39.7960, 6.5096, 58.9379** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.2040, -6.5096, -58.9379**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5910, 0.6946, 57.3637**, and **17.5420, -5.1972, 33.7277** is the 20% darker color. If you saturate the color by 10%, you get **37.8070, 6.5041, 60.6823**, and if you desaturate by 10%, it is **46.9370, 5.9471, 52.6753**.

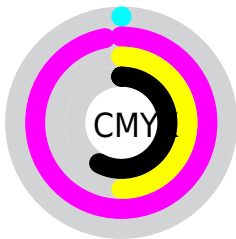
Distribution



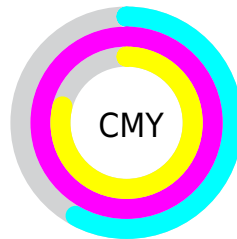
- Red (42%)
- Green (1%)
- Blue (21%)



- Red (42%)
- Yellow (1%)
- Blue (21%)



- Cyan (0%)
- Magenta (97%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (99%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.7960, 6.5096, 58.9379 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 39.7960, 6.5096, 58.9379 by changing the saturation by 10% instead.

39.7960, 6.5096,
58.9379

39.7960, 6.5096,
58.9379

255.0000, 0.0000,
0.0000

27.5680, 2.1850,
45.9829

97.5910, 0.6946,
57.3637

17.5420, -5.1972,
33.7277

124.0750, -0.0370,
58.6932

5.9800, -2.9481,
12.2955

151.2710, -0.6266,
61.1523

0.0000, 0.0000,
0.0000


178.8690, -0.9214,
62.3819


199.8780, 2.0321,
48.3420

219.5060, 6.1595,

31.1282

 238.5640, 8.1029,
14.4144


 39.7960, 6.5096,
58.9379

 39.7960, 6.5096,
58.9379

 37.8070, 6.5041,
60.6823

 46.9370, 5.9471,
52.6753

 53.3770, 5.2371,
47.0274

 60.5180, 4.6746,
40.7647

 67.5450, 3.6753,
34.6020

 74.6860, 3.1128,
28.3394

■ 81.1260, 2.4029,
22.6915

■ 88.2670, 1.8404,
16.4288

■ 95.2940, 0.8411,
10.2662

■ 101.8480, 0.5679,
4.5183

Harmonies

Analogous

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



50.1010, 17.2052, 34.9914



39.7960, 6.5096, 58.9379



43.7680, -11.2246, 53.7005

Triad

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



39.7960, 6.5096, 58.9379



44.5000, -21.9385, -10.0855



49.4070, 29.3793, -43.3299

Complementary

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



39.7960, 6.5096, 58.9379



70.2040, -6.5096, -58.9379

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.



48.4320, 18.0280, -42.4749



39.7960, 6.5096, 58.9379



39.5060, -11.0955, -34.6468

Square

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



39.7960, 6.5096, 58.9379



49.3720, -24.3404, 13.7058



44.6700, 3.6137, -39.1756



46.3240, 35.3363, -40.6261

Rectangle

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



39.7960, 6.5096, 58.9379



46.9010, -23.1222, 43.0598



44.6700, 3.6137, -39.1756



49.8970, 26.1798, -43.7597

Sweetspot

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



39.7960, 6.5096, 58.9379



114.1260, 2.4029, 22.6915



31.0020, 37.4670, 22.8002



54.8430, 1.5564, 14.1697



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.



39.7960, 6.5096, 58.9379



49.4980, 8.6285, 79.3703



35.2700, -15.9091, 62.9072



50.1360, 0.4260, 3.3887



41.3670, 7.2141, 66.3301



86.7070, 15.4274, 138.8230

Inverse Universe

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



39.7960, 6.5096, 58.9379



49.4980, 8.6285, 79.3703



74.7300, 15.9091, -62.9072



50.1360, 0.4260, 3.3887



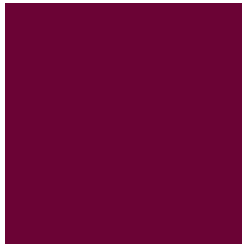
41.3670, 7.2141, 66.3301



86.7070, 15.4274, 138.8230

Previews

White Background



This preview shows how the YUV color 39.7960, 6.5096, 58.9379 looks on a white background.

Color Contrast Check

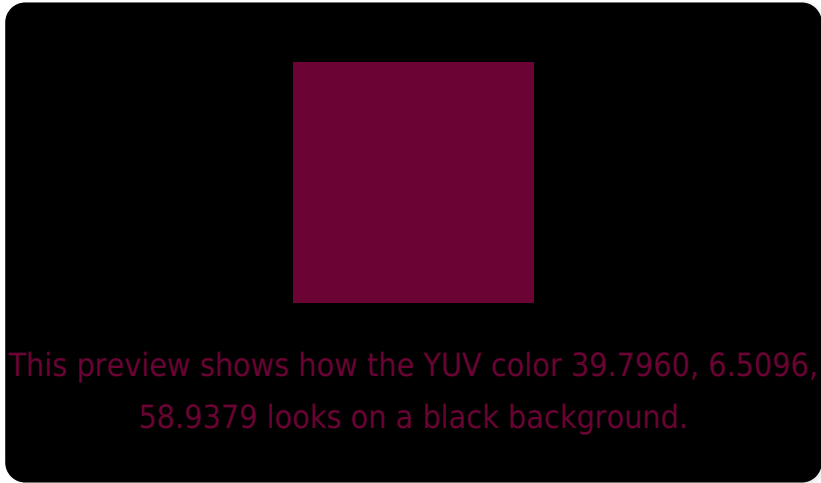
Large Text (above 18pt) WCAG AA ✓ Pass

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

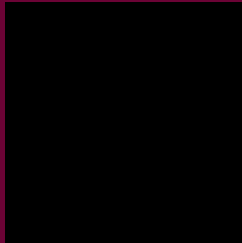
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.7960, 6.5096, 58.9379

Background



This preview shows how black text looks on a background with the YUV color 39.7960, 6.5096, 58.9379.



This preview shows how white text looks on a background with the YUV color 39.7960, 6.5096,

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

39.7960, 6.5096, 58.9379

Protanopia

55.7140, 10.4940, -5.8882

Deuteranopia

56.4200, -3.6581, 6.6477



Tritanopia

46.4150, -12.5296, 52.2560

Trichromacy



Original Color

39.7960, 6.5096, 58.9379

Protanomaly

49.8140, 8.9657, 17.7031

Deuteranomaly

50.1650, -0.0813, 26.1653

Tritanomaly

43.6740, -5.2623, 54.6599

Monochromacy



Original Color

39.7960, 6.5096, 58.9379

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1150, 2.4083, 20.9471

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.7960, 6.5096, 58.9379 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(107, 3, 53)` looks like.

```
.text, #text, p{  
    color:rgb(107, 3, 53)  
}
```

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(107, 3, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 3, 53) }
```

Border

The CSS property to change the border of an element to YUV 39.7960, 6.5096, 58.9379 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(107, 3, 53) }
```


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

```
.border{ border-color:rgb(107, 3, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 3, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 3, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 3, 53);  
box-shadow:4px 4px 4px 4px rgb(107, 3, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.7960, 6.5096, 58.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 3, 53) }
```

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

```
.background{ background-color: rgb(107, 3,  
53) }
```

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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