

Converting Colors

YUV(78.3960, -3.6462, 49.6417)

Have a look what the booklet for
YUV(78.3960, -3.6462, 49.6417)
contains.

YUV(78.3960, -3.6462, 49.6417)	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(78.3960, -3.6462,
49.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	873347
RGB	135, 51, 71
RGB Percent	53%, 20%, 28%
CMY	0.4706, 0.8000, 0.7216
CMYK	0.00, 0.62, 0.47, 0.47
HSL	346°, 45%, 36%
HSV	346°, 62%, 53%
XYZ	12.3128, 7.9735, 6.8513
YIQ	78.3960, 43.6440, 24.0280

Conversions

Conversions Part 2

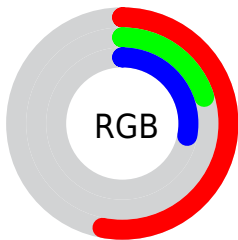
Format	Color
R_{YB}	135, 51, 71
Decimal	8860487
CIE _{Lab}	33.93, 37.79, 6.53
CIE _{LCh}	34, 38.349, 9.809
Yxy	7.9735, 0.4537, 0.2938
Android (android.graphics.Color)	4287050567 (0xFF873347)
YUV	78.3960, -3.6462, 49.6417
Hunter-Lab	28.2374, 28.4191, 5.3804

Details

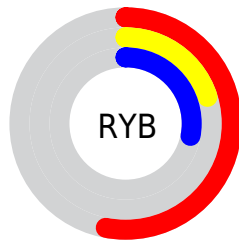
The YUV color **78.3960, -3.6462, 49.6417** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **107.6040, 3.6462, -49.6417**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8480, -5.8411, 53.6303**, and **27.4110, 0.2904, 46.9976** is the 20% darker color. If you saturate the color by 10%, you get **69.0380, -3.9627, 57.8487**, and if you desaturate by 10%, it is **87.7540, -3.3297, 41.4347**.

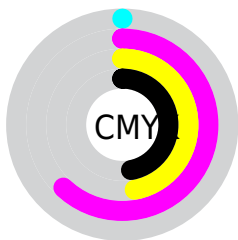
Distribution



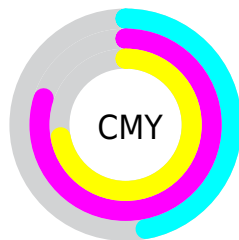
- Red (53%)
- Green (20%)
- Blue (28%)



- Red (53%)
- Yellow (20%)
- Blue (28%)



- Cyan (0%)
- Magenta (62%)
- Yellow (47%)
- Black (47%)





- Cyan (47%)
- Magenta (80%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.3960, -3.6462, 49.6417 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 78.3960, -3.6462, 49.6417 by changing the saturation by 10% instead.


 78.3960, -3.6462,
49.6417

 78.3960, -3.6462,
49.6417


255.0000, 0.0000,
0.0000

 52.5530, -1.7516,
48.6270


 130.8480, -5.8411,
53.6303

 27.4110, 0.2904,
46.9976

 157.7450, -6.2833,
55.4746

 16.7440, -8.2548,
34.4275

 184.6420, -6.7255,
57.3190

 7.2900, -3.1010,
14.6547

 205.7650, -3.3351,
43.1791

 0.0000, 0.0000,
0.0000

 225.3930, 0.7923,
25.9653

 245.6080, 4.6303,

■ 78.3960, -3.6462,
49.6417

■ 78.3960, -3.6462,
49.6417

■ 69.0380, -3.9627,
57.8487

■ 87.7540, -3.3297,
41.4347

■ 60.1530, -5.0054,
65.6408

■ 96.6390, -2.2870,
33.6426

■ 50.7950, -5.3219,
73.8478

■ 105.9970, -1.9705,
25.4356

■ 44.0130, -5.9224,
79.7956

■ 114.7680, -1.3646,
17.7435

■ 124.1260, -1.0481,
9.5365

■ 133.0110, -0.0054,
1.7444

■ 142.3690, 0.3111,
-6.4626

■ 151.1400, 0.9170,
-14.1548

■ 160.0250, 1.9597,
-21.9469

Harmonies

Analogous

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



80.8750, 9.9216, 37.8206



78.3960, -3.6462, 49.6417



77.7040, -17.6021, 45.8636

Triad

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



78.3960, -3.6462, 49.6417



71.5100, -20.4644, -16.2333



67.8610, 34.0855, -59.5141

Complementary

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



78.3960, -3.6462, 49.6417



107.6040, 3.6462, -49.6417

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.



68.0430, 24.6288, -59.6737



78.3960, -3.6462, 49.6417



61.2030, -1.5791, -53.6750

Square

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



78.3960, -3.6462, 49.6417



74.6290, -30.8761, 9.9724



65.3240, 11.6723, -57.2891



73.3850, 32.8412, -33.6636

Rectangle

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



78.3960, -3.6462, 49.6417



77.8740, -25.5739, 36.0675



65.3240, 11.6723, -57.2891



68.4650, 31.3228, -60.0438

Sweetspot

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



78.3960, -3.6462, 49.6417



153.6650, -1.8068, 19.5878



79.4130, 27.4044, 30.3328



75.5500, -0.7642, 11.7956



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



78.3960, -3.6462, 49.6417



87.0020, -5.9170, 78.0512



88.4430, -18.4594, 40.8305



61.9080, -0.4476, 3.5887



42.4040, -5.6222, 76.8217



1.0110, -0.0054, 1.7444

Inverse Universe

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



78.3960, -3.6462, 49.6417



87.0020, -5.9170, 78.0512



97.5570, 18.4594, -40.8305



61.9080, -0.4476, 3.5887



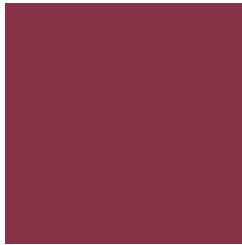
42.4040, -5.6222, 76.8217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 78.3960, -3.6462, 49.6417 looks on a white background.

Color Contrast Check

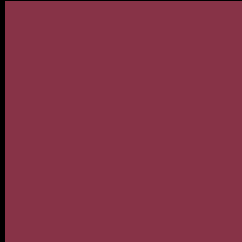
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 78.3960, -3.6462, 49.6417 looks on a 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 78.3960, -3.6462, 49.6417

Background



This preview shows how black text looks on a background with the YUV color 78.3960, -3.6462, 49.6417.



This preview shows how white text looks on a background with the YUV color 78.3960, -3.6462,

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

78.3960, -3.6462, 49.6417

Protanopia

80.7980, 3.0576, -0.6998

Deuteranopia

81.2310, -7.0159, 10.3214



Tritanopia

78.2620, -10.4822, 48.8822

Trichromacy



Original Color

78.3960, -3.6462, 49.6417

Protanomaly

79.6370, 0.6720, 17.8584

Deuteranomaly

79.9600, -5.8963, 24.5911

Tritanomaly

78.2450, -8.0088, 48.8971

Monochromacy



Original Color

78.3960, -3.6462, 49.6417

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0670, -1.5120, 18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.3960, -3.6462, 49.6417 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(135, 51, 71)` looks like.

```
.text, #text, p{  
    color:rgb(135, 51, 71)  
}
```

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(135, 51, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 51, 71) }
```

Border

The CSS property to change the border of an element to YUV 78.3960, -3.6462, 49.6417 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(135, 51, 71) }
```


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

```
.border{ border-color:rgb(135, 51, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 51, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 51, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 51, 71);  
box-shadow:4px 4px 4px 4px rgb(135, 51,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 78.3960, -3.6462, 49.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 51, 71) }
```

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

```
.background{ background-color: rgb(135, 51,  
71) }
```

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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