

Converting Colors

YUV(75.6960, 5.0799, 97.6136)

Have a look what the booklet for
YUV(75.6960, 5.0799, 97.6136)
contains.

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Color

**YUV(75.6960, 5.0799,
97.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	BB1156
RGB	187, 17, 86
RGB Percent	73%, 7%, 34%
CMY	0.2667, 0.9333, 0.6627
CMYK	0.00, 0.91, 0.54, 0.27
HSL	336°, 83%, 40%
HSV	336°, 91%, 73%
XYZ	22.3737, 11.6376, 9.8712
YIQ	75.6960, 79.1710, 57.4990

Conversions

Conversions Part 2

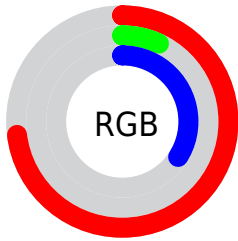
Format	Color
RYB	187, 17, 86
Decimal	12259670
CIELab	40.63, 64.61, 7.80
CIELCh	41, 65.080, 6.883
Yxy	11.6376, 0.5099, 0.2652
Android (android.graphics.Color)	4290449750 (0xFFBB1156)
YUV	75.6960, 5.0799, 97.6136
Hunter-Lab	34.1139, 57.3703, 6.7237

Details

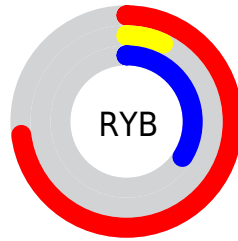
The YUV color **75.6960, 5.0799, 97.6136** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **128.3040, -5.0799, -97.6136**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4970, -3.2030, 94.2801**, and **42.6470, -0.8120, 73.9776** is the 20% darker color. If you saturate the color by 10%, you get **64.5770, 5.6315, 107.3650**, and if you desaturate by 10%, it is **88.1030, 4.3862, 86.7327**.

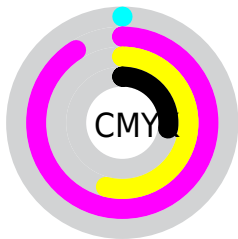
Distribution



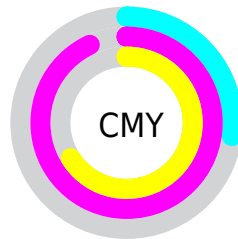
- Red (73%)
- Green (7%)
- Blue (34%)



- Red (73%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (91%)
- Yellow (54%)
- Black (27%)




- Cyan (27%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6960, 5.0799, 97.6136 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 75.6960, 5.0799, 97.6136 by changing the saturation by 10% instead.


 75.6960, 5.0799,
97.6136


 75.6960, 5.0799,
97.6136


255.0000, 0.0000,
0.0000


 54.1250, 4.3754,
90.2214


 141.4970, -3.2030,
94.2801

 42.6470, -0.8120,
73.9776


 163.2780, -1.1231,
80.4402


 31.5110, -4.6889,
57.4339

 183.3790, 2.2782,
62.8116

 21.2720, -9.0081,
42.7345

 203.5940, 6.1162,
45.0831

 11.4760, -5.1647,
23.2615

 223.9230, 10.3910,
27.2545

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 75.6960, 5.0799,
97.6136

■ 75.6960, 5.0799,
97.6136

■ 64.5770, 5.6315,
107.3650

■ 88.1030, 4.3862,
86.7327

■ 99.9230, 3.9820,
76.3665

■ 112.3300, 3.2883,
65.4856

■ 124.7370, 2.5947,
54.6047

■ 137.2580, 2.3378,
43.6237

■ 149.0780, 1.9335,
33.2576

■ 161.4850, 1.2399,
22.3767

■ 173.8920, 0.5462,
11.4957

■ 185.7120, 0.1420,
1.1296

Harmonies

Analogous

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



89.8460, 24.2329, 67.6641



75.6960, 5.0799, 97.6136



84.6870, -24.9887, 81.8355

Triad

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



75.6960, 5.0799, 97.6136



78.3240, -38.6137, -28.3481



87.9740, 52.7638, -77.1532

Complementary

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



75.6960, 5.0799, 97.6136



128.3040, -5.0799, -97.6136

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.



87.3920, 35.3027, -76.6428



75.6960, 5.0799, 97.6136



73.9060, -11.2927, -64.8156

Square

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



75.6960, 5.0799, 97.6136



89.2200, -43.9855, 14.7161



81.4640, 12.5892, -71.4439



81.2550, 60.0203, -71.2606

Rectangle

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



75.6960, 5.0799, 97.6136



88.0550, -43.4111, 63.9728



81.4640, 12.5892, -71.4439



88.5950, 47.5277, -77.6978

Sweetspot

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



75.6960, 5.0799, 97.6136



199.3990, 1.7753, 37.3611



65.9810, 59.6624, 43.8667



96.4850, 1.2399, 22.3767



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



75.6960, 5.0799, 97.6136



83.5300, 7.1337, 138.9782



76.0480, -29.1107, 97.3049



88.1470, 0.4205, 5.1331



54.5380, 4.6648, 90.7362



10.6370, 0.6720, 17.8584

Inverse Universe

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



75.6960, 5.0799, 97.6136



83.5300, 7.1337, 138.9782



127.9520, 29.1107, -97.3049



88.1470, 0.4205, 5.1331



54.5380, 4.6648, 90.7362



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 75.6960, 5.0799, 97.6136 looks on a white background.

Color Contrast Check

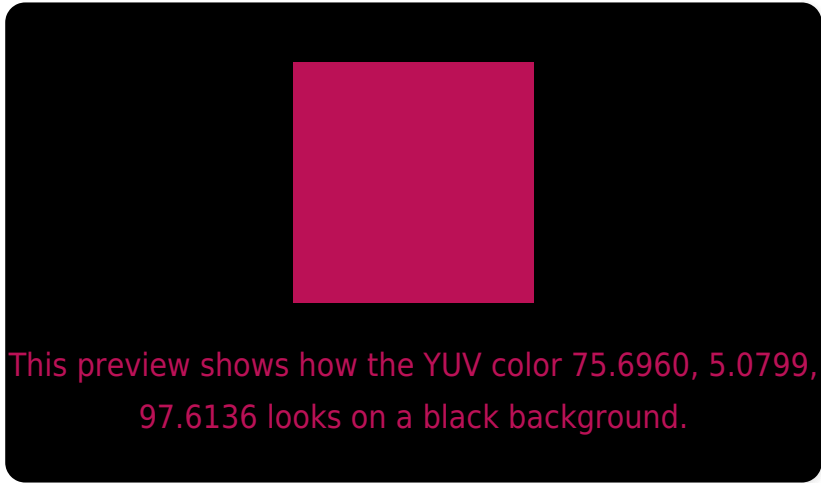
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 75.6960, 5.0799, 97.6136

Background



This preview shows how black text looks on a background with the YUV color 75.6960, 5.0799, 97.6136.



This preview shows how white text looks on a background with the YUV color 75.6960, 5.0799, 97.6136.

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

75.6960, 5.0799, 97.6136

Protanopia

97.5830, 12.5306, -5.7733

Deuteranopia

97.8570, -9.7895, 13.2804



Tritanopia

81.2520, -21.8162, 90.9870

Trichromacy



Original Color

75.6960, 5.0799, 97.6136

Protanomaly

89.5430, 10.0853, 31.9728

Deuteranomaly

89.8360, -4.3561, 43.9938

Tritanomaly

79.4940, -12.0755, 93.4058

Monochromacy



Original Color

75.6960, 5.0799, 97.6136

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0890, 1.9281, 35.0019

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6960, 5.0799, 97.6136 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(187, 17, 86)` looks like.

```
.text, #text, p{  
    color:rgb(187, 17, 86)  
}
```

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(187, 17, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 17, 86) }
```

Border

The CSS property to change the border of an element to YUV 75.6960, 5.0799, 97.6136 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(187, 17, 86) }
```


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

```
.border{ border-color:rgb(187, 17, 86) }
```

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

Here you see how a box with a 4 pixel rgb(187, 17, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 17, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 17, 86);  
box-shadow:4px 4px 4px 4px rgb(187, 17,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 75.6960, 5.0799, 97.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 17, 86) }
```

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

```
.background{ background-color: rgb(187, 17,  
86) }
```

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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