

Converting Colors

YUV(97.0050, -0.4955, 65.7706)

Have a look what the booklet for
YUV(97.0050, -0.4955, 65.7706)
contains.

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Color

**YUV(97.0050, -0.4955,
65.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3B60
RGB	172, 59, 96
RGB Percent	67%, 23%, 38%
CMY	0.3255, 0.7686, 0.6235
CMYK	0.00, 0.66, 0.44, 0.33
HSL	340°, 49%, 45%
HSV	340°, 66%, 67%
XYZ	20.6885, 12.7431, 12.4356
YIQ	97.0050, 55.4710, 35.4630

Conversions

Conversions Part 2

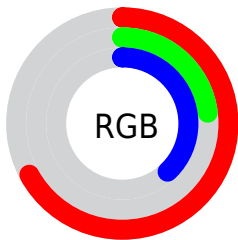
Format	Color
R_{YB}	172, 59, 96
Decimal	11287392
CIE _{Lab}	42.37, 49.16, 3.61
CIE _{LCh}	42, 49.291, 4.198
Yxy	12.7431, 0.4511, 0.2778
Android (android.graphics.Color)	4289477472 (0xFFAC3B60)
YUV	97.0050, -0.4955, 65.7706
Hunter-Lab	35.6975, 40.9793, 4.3340

Details

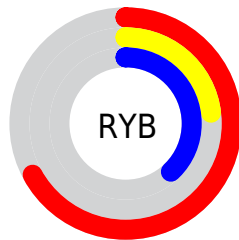
The YUV color **97.0050, -0.4955, 65.7706** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **133.9950, 0.4955, -65.7706**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0440, -2.9797, 69.2444**, and **40.0850, 4.8881, 65.7005** is the 20% darker color. If you saturate the color by 10%, you get **85.6580, -0.8174, 75.7219**, and if you desaturate by 10%, it is **108.3520, -0.1735, 55.8193**.

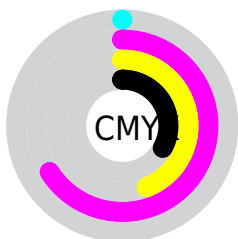
Distribution



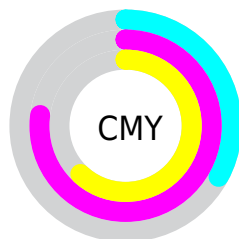
- Red (67%)
- Green (23%)
- Blue (38%)



- Red (67%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (66%)
- Yellow (44%)
- Black (33%)



- Cyan (33%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0050, -0.4955, 65.7706 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 97.0050, -0.4955, 65.7706 by changing the saturation by 10% instead.

■ 97.0050, -0.4955,
65.7706

■ 97.0050, -0.4955,
65.7706

255.0000, 0.0000,
0.0000

■ 68.5750, 1.6885,
65.2707

■ 152.0440, -2.9797,
69.2444

■ 40.0850, 4.8881,
65.7005

■ 178.1470, -2.5375,
67.4001

■ 29.3190, -0.1573,
50.5862

■ 197.6610, 1.1531,
50.2863

■ 18.7660, -8.2656,
37.9162

■ 217.2890, 5.2805,
33.0725

■ 9.0840, -3.9854,
18.3433

■ 237.3900, 8.6817,
15.4440

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 97.0050, -0.4955,
65.7706

■ 97.0050, -0.4955,
65.7706

■ 85.6580, -0.8174,
75.7219

■ 108.3520, -0.1735,
55.8193

■ 74.4250, -0.7025,
85.5733

■ 119.5850, -0.2884,
45.9680

■ 62.4910, -0.7351,
96.0394

■ 131.5190, -0.2559,
35.5018

■ 57.8120, -0.8933,
100.1429

■ 142.7520, -0.3707,
25.6505

■ 154.0990, -0.0488,
15.6992

■ 165.3320, -0.1637,
5.8478

■ 176.6790, 0.1583,
-4.1035

■ 188.6130, 0.1908,
-14.5696

■ 199.8460, 0.0759,
-24.4209

Harmonies

Analogous

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



101.1670, 17.1727, 45.4575



97.0050, -0.4955, 65.7706



96.6460, -19.5455, 62.5775

Triad

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



97.0050, -0.4955, 65.7706



89.8340, -31.9632, -14.7634



86.0530, 42.8649, -75.4685

Complementary

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



97.0050, -0.4955, 65.7706



133.9950, 0.4955, -65.7706

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.



85.7960, 29.1876, -75.2431



97.0050, -0.4955, 65.7706



75.8610, -6.3405, -66.5301

Square

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



97.0050, -0.4955, 65.7706



93.0850, -45.8909, 19.2195



81.8230, 11.4263, -71.7588



81.0950, 49.2532, -71.1203

Rectangle

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



97.0050, -0.4955, 65.7706



96.7790, -31.4430, 51.9368



81.8230, 11.4263, -71.7588



86.9020, 38.5023, -76.2131

Sweetspot

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



97.0050, -0.4955, 65.7706



194.7520, -0.3707, 25.6505



94.3070, 38.3026, 34.8108



94.0990, -0.0488, 15.6992



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



97.0050, -0.4955, 65.7706



106.5350, -0.7568, 103.0168



103.9400, -22.1554, 59.6886



81.0330, -0.0163, 5.2331



50.4360, -0.7079, 87.3176



7.7890, 0.1040, 13.3400

Inverse Universe

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



97.0050, -0.4955, 65.7706



106.5350, -0.7568, 103.0168



127.0600, 22.1554, -59.6886



81.0330, -0.0163, 5.2331



50.4360, -0.7079, 87.3176



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 97.0050, -0.4955, 65.7706 looks on a white background.

Color Contrast Check

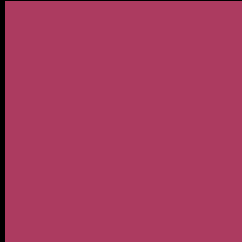
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 97.0050, -0.4955, 65.7706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

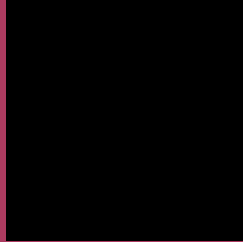
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.0050, -0.4955, 65.7706

Background



This preview shows how black text looks on a background with the YUV color 97.0050, -0.4955, 65.7706.



This preview shows how white text looks on a background with the YUV color 97.0050, -0.4955,

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

97.0050, -0.4955, 65.7706

Protanopia

101.3830, 9.1782, -3.8439

Deuteranopia

101.3990, -5.1267, 11.0511



Tritanopia

96.8510, -13.7305, 64.1517

Trichromacy



Original Color

97.0050, -0.4955, 65.7706

Protanomaly

99.6250, 5.6079, 21.3769

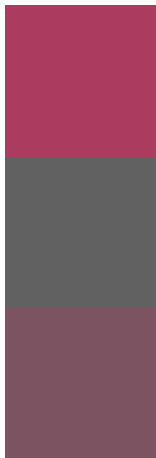
Deuteranomaly

99.6880, -3.2972, 30.9686

Tritanomaly

97.1160, -8.9312, 64.7963

Monochromacy



Original Color

97.0050, -0.4955, 65.7706

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8550, 0.0715, 23.8062

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0050, -0.4955, 65.7706 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(172, 59, 96)` looks like.

```
.text, #text, p{  
    color:rgb(172, 59, 96)  
}
```

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(172, 59, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 59, 96) }
```

Border

The CSS property to change the border of an element to YUV 97.0050, -0.4955, 65.7706 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(172, 59, 96) }
```


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

```
.border{ border-color:rgb(172, 59, 96) }
```

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

Here you see how a box with a 4 pixel rgb(172, 59, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 59, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 59, 96);  
box-shadow:4px 4px 4px 4px rgb(172, 59,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 97.0050, -0.4955, 65.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 59, 96) }
```

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

```
.background{ background-color: rgb(172, 59,  
96) }
```

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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