

Converting Colors

YUV(63.1330, 15.7104, 94.5994)

Have a look what the booklet for
YUV(63.1330, 15.7104, 94.5994)
contains.

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Color

**YUV(63.1330, 15.7104,
94.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	AB025F
RGB	171, 2, 95
RGB Percent	67%, 1%, 37%
CMY	0.3294, 0.9922, 0.6275
CMYK	0.00, 0.99, 0.44, 0.33
HSL	327°, 98%, 34%
HSV	327°, 99%, 67%
XYZ	18.8819, 9.5276, 11.6703
YIQ	63.1330, 70.8710, 64.7510

Conversions

Conversions Part 2

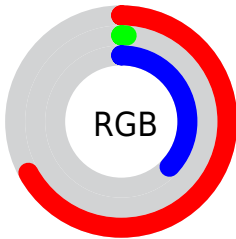
Format	Color
R_{YB}	171, 2, 95
Decimal	11207263
CIE _{Lab}	36.98, 63.38, -3.66
CIE _{LCh}	37, 63.486, 356.698
Yxy	9.5276, 0.4711, 0.2377
Android (android.graphics.Color)	4289397343 (0xFFAB025F)
YUV	63.1330, 15.7104, 94.5994
Hunter-Lab	30.8668, 55.1754, -0.8100

Details

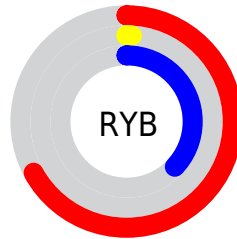
The YUV color **63.1330, 15.7104, 94.5994** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **109.8670, -15.7104, -94.5994**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1460, 5.8440, 85.8180**, and **39.3730, 4.7461, 64.5709** is the 20% darker color. If you saturate the color by 10%, you get **61.8450, 15.8524, 95.7289**, and if you desaturate by 10%, it is **74.0240, 14.2852, 85.0480**.

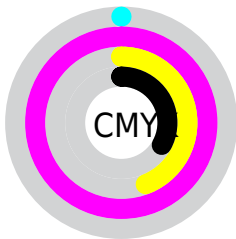
Distribution



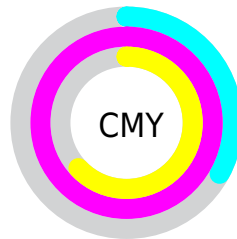
- Red (67%)
- Green (1%)
- Blue (37%)



- Red (67%)
- Yellow (1%)
- Blue (37%)



- Cyan (0%)
- Magenta (99%)
- Yellow (44%)
- Black (33%)





- Cyan (33%)
- Magenta (99%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.1330, 15.7104, 94.5994 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 63.1330, 15.7104, 94.5994 by changing the saturation by 10% instead.


 63.1330, 15.7104,
94.5994

 63.1330, 15.7104,
94.5994


255.0000, 0.0000,
0.0000

 50.5520, 10.0809,
80.1999

 133.1460, 5.8440,
85.8180


 39.3730, 4.7461,
64.5709


 160.4230, 5.7075,
82.9440


 28.3080, -0.1518,
48.8419

 179.9370, 9.3981,
65.8303

 17.5700, -7.6760,
35.4571

 200.1520, 13.2361,
48.1017

 5.0830, -2.5059,
10.4512

 220.3670, 17.0741,
30.3731

 0.0000, 0.0000,
0.0000

 237.3900, 8.6817,

15.4440

■ 63.1330, 15.7104,
94.5994

■ 63.1330, 15.7104,
94.5994

■ 61.8450, 15.8524,
95.7289

■ 74.0240, 14.2852,
85.0480

■ 84.8010, 12.4231,
75.5965

■ 95.6920, 10.9978,
66.0451

■ 106.5830, 9.5726,
56.4937

■ 117.9470, 7.4211,
46.5275

■ 128.8380, 5.9959,
36.9761

■ 139.7290, 4.5706,
27.4247

■ 150.6200, 3.1453,
17.8733

■ 161.3970, 1.2833,
8.4218

Harmonies

Analogous

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



84.9900, 29.0919, 49.1208



63.1330, 15.7104, 94.5994



70.3470, -12.4961, 88.2727

Triad

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



63.1330, 15.7104, 94.5994



75.4770, -37.2102, -11.8193



81.3570, 45.1800, -71.3501

Complementary

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



63.1330, 15.7104, 94.5994



109.8670, -15.7104, -94.5994

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.



78.4440, 26.4031, -68.7954



63.1330, 15.7104, 94.5994



64.2570, -20.3397, -56.3534

Square

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



63.1330, 15.7104, 94.5994



82.2090, -40.5290, 26.1267



72.5160, 3.6896, -63.5965



78.1260, 55.6469, -68.5165

Rectangle

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



63.1330, 15.7104, 94.5994



76.9170, -33.9761, 71.1098



72.5160, 3.6896, -63.5965



81.1630, 39.3596, -71.1800

Sweetspot

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



63.1330, 15.7104, 94.5994



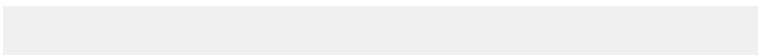
179.2510, 6.2853, 37.4909



43.0930, 63.0582, 27.9824



86.4680, 3.7133, 22.3916



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.



63.1330, 15.7104, 94.5994



80.2860, 20.5650, 124.2832



53.7850, -20.1070, 102.7976



81.2610, 0.8573, 5.0331



54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Inverse Universe

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



63.1330, 15.7104, 94.5994



80.2860, 20.5650, 124.2832



119.2150, 20.1070, -102.7976



81.2610, 0.8573, 5.0331



54.3120, 14.1432, 83.9184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 63.1330, 15.7104, 94.5994 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

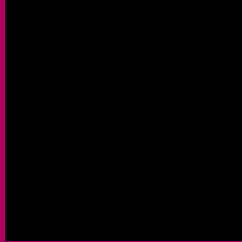
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1330, 15.7104, 94.5994

Background



This preview shows how black text looks on a background with the YUV color 63.1330, 15.7104, 94.5994.



This preview shows how white text looks on a background with the YUV color 63.1330, 15.7104,

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

63.1330, 15.7104, 94.5994

Protanopia

89.1010, 23.6142, -14.1206

Deuteranopia

90.7020, -1.3321, 7.2773



Tritanopia

76.8700, -19.1629, 79.9210

Trichromacy



Original Color

63.1330, 15.7104, 94.5994

Protanomaly

79.9580, 20.7267, 25.4698

Deuteranomaly

80.6210, 5.1168, 38.9204

Tritanomaly

71.9320, -6.3755, 85.1286

Monochromacy



Original Color

63.1330, 15.7104, 94.5994

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1150, 5.8593, 34.1021

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1330, 15.7104, 94.5994 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(171, 2, 95)` looks like.

```
.text, #text, p{  
    color:rgb(171, 2, 95)  
}
```

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(171, 2, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 2, 95) }
```

Border

The CSS property to change the border of an element to YUV 63.1330, 15.7104, 94.5994 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(171, 2, 95) }
```


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

```
.border{ border-color:rgb(171, 2, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 2, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 2, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 2, 95);  
box-shadow:4px 4px 4px 4px rgb(171, 2, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.1330, 15.7104, 94.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 2, 95) }
```

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

```
.background{ background-color: rgb(171, 2,  
95) }
```

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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