

Converting Colors

YUV(63.3570, 29.4040, 89.1409)

Have a look what the booklet for
YUV(63.3570, 29.4040, 89.1409)
contains.

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Color

**YUV(63.3570, 29.4040,
89.1409)**

Conversions

Conversions Part 1

Format	Color
Hex	A5007B
RGB	165, 0, 123
RGB Percent	65%, 0%, 48%
CMY	0.3529, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.25, 0.35
HSL	315°, 100%, 32%
HSV	315°, 100%, 65%
XYZ	19.0922, 9.4294, 19.5527
YIQ	63.3570, 58.8570, 73.2330

Conversions

Conversions Part 2

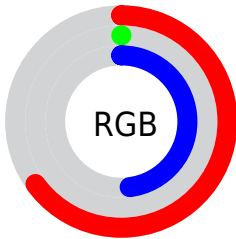
Format	Color
RYB	165, 0, 123
Decimal	10813563
CIELab	36.80, 65.25, -21.80
CIElCh	37, 68.794, 341.522
Yxy	9.4294, 0.3971, 0.1961
Android (android.graphics.Color)	4289003643 (0xFFA5007B)
YUV	63.3570, 29.4040, 89.1409
Hunter-Lab	30.7073, 57.2441, -16.2574

Details

The YUV color **63.3570, 29.4040, 89.1409** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **101.6430, -29.4040, -89.1409**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0000, 20.7060, 78.9300**, and **40.7280, 16.4031, 58.9975** is the 20% darker color. If you saturate the color by 10%, you get **63.3570, 29.4040, 89.1409**, and if you desaturate by 10%, it is **73.2050, 26.5209, 80.5042**.

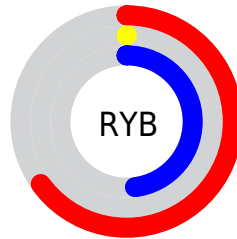
Distribution



Red (65%)

Green (0%)

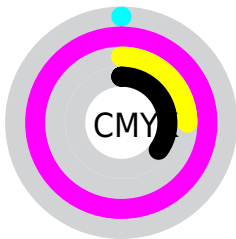
Blue (48%)



Red (65%)

Yellow (0%)

Blue (48%)

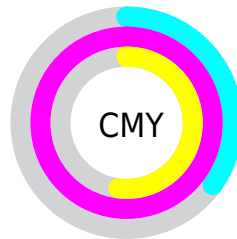


Cyan (0%)

Magenta (100%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (100%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.3570, 29.4040, 89.1409 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 63.3570, 29.4040, 89.1409 by changing the saturation by 10% instead.


 63.3570, 29.4040,
89.1409


 63.3570, 29.4040,
89.1409


255.0000, 0.0000,
0.0000


 51.8360, 22.7589,
73.8118


 134.0000, 20.7060,
78.9300


 40.7280, 16.4031,
58.9975


 163.0710, 19.6850,
79.7447


 29.7340, 10.4841,
44.0833

 183.5850, 23.3756,
62.6310

 19.5660, 5.1440,
30.1986

 202.7570, 25.7558,
45.8171

 5.6810, -2.8007,
11.6808

 219.7800, 17.3635,
30.8879

 0.0000, 0.0000,
0.0000

 236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 63.3570, 29.4040,
89.1409

■ 73.2050, 26.5209,
80.5042

■ 83.6400, 23.3485,
71.3527

■ 94.1890, 20.6128,
62.1012

■ 104.0370, 17.7298,
53.4646

■ 113.8850, 14.8467,
44.8279

■ 124.3200, 11.6742,
35.6764

■ 134.1680, 8.7912,
27.0397

■ 144.7170, 6.0555,
17.7882

■ 154.5650, 3.1725,
9.1515

Harmonies

Analogous

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



87.6150, 41.1088, 21.3856



63.3570, 29.4040, 89.1409



61.5720, 3.1690, 103.8614

Triad

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



63.3570, 29.4040, 89.1409



79.4300, -39.1590, 6.6389



81.6360, 38.6335, -71.5948

Complementary

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



63.3570, 29.4040, 89.1409



101.6430, -29.4040, -89.1409

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.



76.1810, 15.1938, -66.8107



63.3570, 29.4040, 89.1409



59.8740, -29.5179, -52.5095

Square

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



63.3570, 29.4040, 89.1409



81.7430, -40.2993, 45.8294



68.3950, -9.5617, -59.9824



81.8760, 54.7841, -71.8053

Rectangle

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



63.3570, 29.4040, 89.1409



65.0660, -16.3015, 95.5351



68.3950, -9.5617, -59.9824



80.3990, 31.3553, -70.5099

Sweetspot

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



63.3570, 29.4040, 89.1409



174.6080, 11.5323, 34.5468



31.0690, 66.0280, 8.7095



83.5540, 6.6289, 20.5621



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



63.3570, 29.4040, 89.1409



82.2260, 38.3426, 115.5658



54.0090, -6.4134, 97.3391



76.4890, 1.7309, 4.8331



55.6670, 25.8002, 78.3450



6.8640, 3.0250, 9.7663

Inverse Universe

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



63.3570, 29.4040, 89.1409



82.2260, 38.3426, 115.5658



110.9910, 6.4134, -97.3391



76.4890, 1.7309, 4.8331



55.6670, 25.8002, 78.3450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 63.3570, 29.4040, 89.1409 looks on a white background.

Color Contrast Check

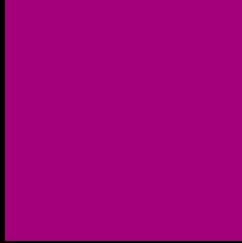
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.3570, 29.4040, 89.1409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

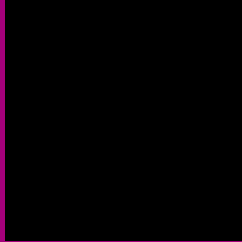
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3570, 29.4040, 89.1409

Background



This preview shows how black text looks on a background with the YUV color 63.3570, 29.4040, 89.1409.



This preview shows how white text looks on a background with the YUV color 63.3570, 29.4040,

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



Protanopia

81.7830, 45.9560, -40.1517

Deuteranopia

89.8820, 12.3832, -5.1585

Tritanopia

81.8300, -15.1992, 68.5551

Trichromacy



Protanomaly

74.8860, 39.9892, 7.1160

Deuteranomaly

80.1110, 18.6793, 28.8437

Tritanomaly

75.4130, 0.7824, 75.9368

Monochromacy



Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0700, 10.8115, 32.3876

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3570, 29.4040, 89.1409 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(165, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 123)  
}
```

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(165, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 123) }
```

Border

The CSS property to change the border of an element to YUV 63.3570, 29.4040, 89.1409 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(165, 0, 123) }
```

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

```
.border{ border-color:rgb(165, 0, 123) }
```

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

Here you see how a box with a 4 pixel rgb(165, 0, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(165, 0,  
123) }
```


Background

The CSS property to change the background color of an element to YUV 63.3570, 29.4040, 89.1409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 123) }
```

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

```
.background{ background-color: rgb(165, 0,  
123) }
```

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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