

Converting Colors

YUV(64.6790, 4.1023, 84.4735)

Have a look what the booklet for
YUV(64.6790, 4.1023, 84.4735)
contains.

YUV(64.6790, 4.1023, 84.4735)	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(64.6790, 4.1023,
84.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	A10E49
RGB	161, 14, 73
RGB Percent	63%, 5%, 29%
CMY	0.3686, 0.9451, 0.7137
CMYK	0.00, 0.91, 0.55, 0.37
HSL	336°, 84%, 34%
HSV	336°, 91%, 63%
XYZ	16.0576, 8.3722, 7.0730
YIQ	64.6790, 68.6730, 49.5130

Conversions

Conversions Part 2

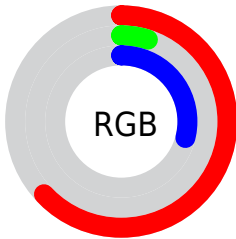
Format	Color
R_{YB}	161, 14, 73
Decimal	10554953
CIE _{Lab}	34.75, 57.67, 7.10
CIE _{LCh}	35, 58.109, 7.014
Yxy	8.3722, 0.5097, 0.2658
Android (android.graphics.Color)	4288745033 (0xFFA10E49)
YUV	64.6790, 4.1023, 84.4735
Hunter-Lab	28.9347, 48.4244, 5.7611

Details

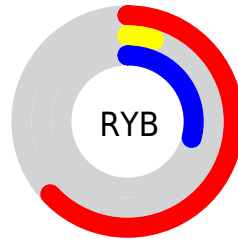
The YUV color **64.6790, 4.1023, 84.4735** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **110.3210, -4.1023, -84.4735**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4200, -3.1651, 82.0697**, and **34.2170, -2.0790, 60.3227** is the 20% darker color. If you saturate the color by 10%, you get **55.5490, 4.6593, 92.4805**, and if you desaturate by 10%, it is **75.2110, 3.8400, 75.2370**.

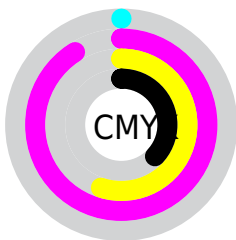
Distribution



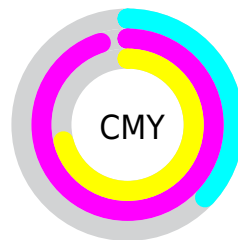
- Red (63%)
- Green (5%)
- Blue (29%)



- Red (63%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (91%)
- Yellow (55%)
- Black (37%)



- Cyan (37%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6790, 4.1023, 84.4735 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 64.6790, 4.1023, 84.4735 by changing the saturation by 10% instead.

■ 64.6790, 4.1023,
84.4735

■ 64.6790, 4.1023,
84.4735

255.0000, 0.0000,
0.0000

■ 45.2820, 2.8190,
76.0517

■ 127.4200, -3.1651,
82.0697

■ 34.2170, -2.0790,
60.3227

■ 156.0890, -4.4809,
84.1139

■ 22.8810, -9.3083,
45.7084

■ 176.3860, -1.6693,
68.9445

■ 13.9820, -5.9071,
28.0798

■ 196.0140, 2.4581,
51.7307

■ 0.0000, 0.0000,
0.0000

■ 216.2290, 6.2961,
34.0022

■ 236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 64.6790, 4.1023,
84.4735

■ 64.6790, 4.1023,
84.4735

■ 55.5490, 4.6593,
92.4805

■ 75.2110, 3.8400,
75.2370

■ 85.6290, 3.1409,
66.1004

■ 96.1610, 2.8786,
56.8638

■ 106.6930, 2.6164,
47.6272

■ 117.6980, 1.6279,
37.9759

■ 128.2300, 1.3656,
28.7393

■ 138.6480, 0.6665,
19.6027

■ 149.1800, 0.4043,
10.3661

■ 159.7120, 0.1420,
1.1296

Harmonies

Analogous

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



76.5800, 20.9131, 59.1273



64.6790, 4.1023, 84.4735



71.8320, -21.6092, 71.1843

Triad

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



64.6790, 4.1023, 84.4735



66.5400, -32.8042, -25.0296



75.5040, 45.6005, -66.2170

Complementary

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



64.6790, 4.1023, 84.4735



110.3210, -4.1023, -84.4735

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.



74.9050, 30.6128, -65.6917



64.6790, 4.1023, 84.4735



63.0150, -9.8674, -55.2642

Square

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



64.6790, 4.1023, 84.4735



75.9300, -37.4335, 13.2164



69.7750, 10.9569, -61.1927



69.2580, 52.1308, -60.7393

Rectangle

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



64.6790, 4.1023, 84.4735



75.3080, -37.1268, 54.9809



69.7750, 10.9569, -61.1927



75.7660, 41.5274, -66.4468

Sweetspot

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



64.6790, 4.1023, 84.4735



172.2520, 1.3548, 32.2280



56.4720, 51.5323, 38.1741



82.7620, 1.1033, 19.5027



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



64.6790, 4.1023, 84.4735



72.0670, 5.8830, 120.0902



64.9970, -25.1415, 84.1946



76.1470, 0.4205, 5.1331



49.9670, 3.9603, 83.3439



6.1800, 0.4043, 10.3661

Inverse Universe

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



64.6790, 4.1023, 84.4735



72.0670, 5.8830, 120.0902



110.0030, 25.1415, -84.1946



76.1470, 0.4205, 5.1331



49.9670, 3.9603, 83.3439



6.1800, 0.4043, 10.3661

Previews

White Background



This preview shows how the YUV color 64.6790, 4.1023, 84.4735 looks on a white background.

Color Contrast Check

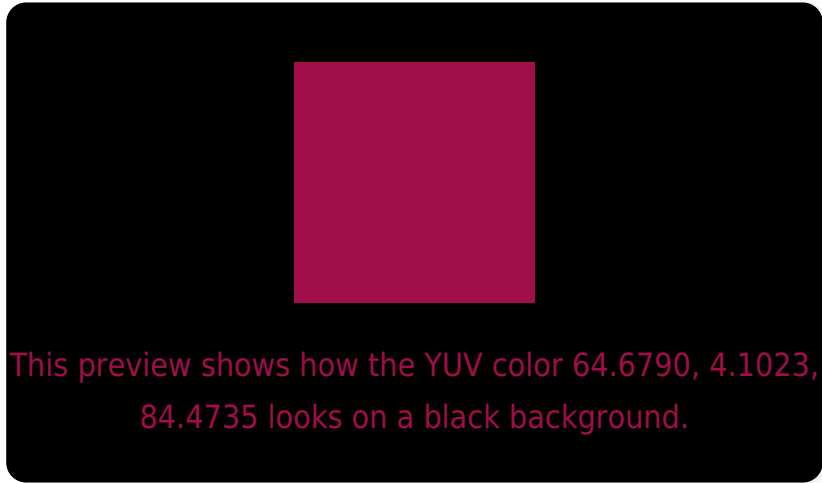
Large Text (above 18pt) WCAG AA ✓ Pass

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

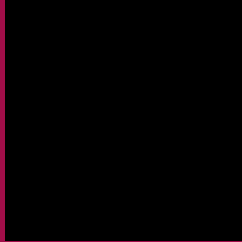
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6790, 4.1023, 84.4735

Background



This preview shows how black text looks on a background with the YUV color 64.6790, 4.1023, 84.4735.



This preview shows how white text looks on a background with the YUV color 64.6790, 4.1023,

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

64.6790, 4.1023, 84.4735

Protanopia

84.3120, 10.1992, -4.6586

Deuteranopia

83.7860, -8.7685, 12.4657



Tritanopia

69.2720, -18.8681, 78.6915

Trichromacy



Original Color

64.6790, 4.1023, 84.4735

Protanomaly

77.2390, 7.7702, 27.8544

Deuteranomaly

76.9170, -3.9031, 38.6608

Tritanomaly

67.7590, -10.7272, 80.8954

Monochromacy



Original Color

64.6790, 4.1023, 84.4735

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.6540, 1.6496, 30.9984

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6790, 4.1023, 84.4735 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(161, 14, 73)` looks like.

```
.text, #text, p{  
    color:rgb(161, 14, 73)  
}
```

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(161, 14, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 14, 73) }
```

Border

The CSS property to change the border of an element to YUV 64.6790, 4.1023, 84.4735 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(161, 14, 73) }
```


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

```
.border{ border-color:rgb(161, 14, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 14, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 14, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 14, 73);  
box-shadow:4px 4px 4px 4px rgb(161, 14,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 64.6790, 4.1023, 84.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 14, 73) }
```

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

```
.background{ background-color: rgb(161, 14,  
73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor