

Converting Colors

YUV(63.1740, 23.5782, 91.0554)

Have a look what the booklet for
YUV(63.1740, 23.5782, 91.0554)
contains.

YUV(63.1740, 23.5782, 91.0554)	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(63.1740, 23.5782,
91.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	A7016F
RGB	167, 1, 111
RGB Percent	65%, 0%, 44%
CMY	0.3451, 0.9961, 0.5647
CMYK	0.00, 0.99, 0.34, 0.35
HSL	320°, 99%, 33%
HSV	320°, 99%, 65%
XYZ	18.8164, 9.3849, 15.8587
YIQ	63.1740, 63.6260, 69.4020

Conversions

Conversions Part 2

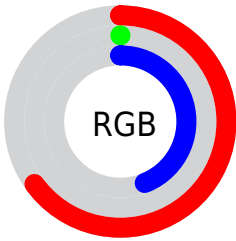
Format	Color
RYB	167, 1, 111
Decimal	10944879
CIELab	36.72, 64.19, -14.34
CIElCh	37, 65.771, 347.407
Yxy	9.3849, 0.4271, 0.2130
Android (android.graphics.Color)	4289134959 (0xFFA7016F)
YUV	63.1740, 23.5782, 91.0554
Hunter-Lab	30.6348, 56.0271, -9.2482

Details

The YUV color **63.1740, 23.5782, 91.0554** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **104.8260, -23.5782, -91.0554**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1160, 14.7328, 81.4593**, and **39.7730, 11.4509, 60.7121** is the 20% darker color. If you saturate the color by 10%, you get **62.5870, 23.8676, 91.5702**, and if you desaturate by 10%, it is **73.8370, 21.2794, 81.7040**.

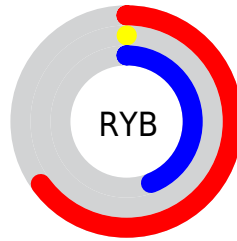
Distribution



Red (65%)

Green (0%)

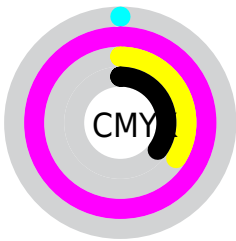
Blue (44%)



Red (65%)

Yellow (0%)

Blue (44%)

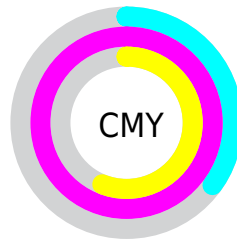


Cyan (0%)

Magenta (99%)

Yellow (34%)

Black (35%)



Cyan (35%)


Magenta (100%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.1740, 23.5782, 91.0554 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 63.1740, 23.5782, 91.0554 by changing the saturation by 10% instead.


 63.1740, 23.5782,
91.0554


 63.1740, 23.5782,
91.0554

255.0000, 0.0000,
0.0000


 51.1800, 17.6593,
76.1411

 133.1160, 14.7328,
81.4593


 39.7730, 11.4509,
60.7121


 161.8880, 13.8592,
81.6592


 28.8930, 5.9688,
45.6978

 182.1030, 17.6972,
63.9307

 18.7250, 0.6286,
31.8132

 201.7310, 21.8246,
46.7169

 5.0830, -2.5059,
10.4512

 219.7800, 17.3635,
30.8879

 0.0000, 0.0000,
0.0000

 236.8030, 8.9711,

15.9588

254.4130, 0.2894,
0.5148

■ 63.1740, 23.5782,
91.0554

■ 63.1740, 23.5782,
91.0554

■ 62.5870, 23.8676,
91.5702

■ 73.8370, 21.2794,
81.7040

■ 83.7990, 18.8331,
72.9673

■ 94.4620, 16.5342,
63.6158

■ 105.1250, 14.2354,
54.2644

■ 115.0870, 11.7891,
45.5277

■ 125.7500, 9.4902,
36.1763

■ 136.2990, 6.7546,
26.9248

■ 146.9620, 4.4557,
17.5733

■ 157.0380, 2.4463,
8.7367

Harmonies

Analogous

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



86.3130, 35.8347, 33.0515



63.1740, 23.5782, 91.0554



59.3500, -0.1725, 102.3021

Triad

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



63.1740, 23.5782, 91.0554



77.9130, -38.4111, 0.0763



81.5050, 40.6700, -71.4799

Complementary

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



63.1740, 23.5782, 91.0554



104.8260, -23.5782, -91.0554

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.



76.7340, 19.8511, -67.2957



63.1740, 23.5782, 91.0554



60.4610, -29.8073, -53.0243

Square

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



63.1740, 23.5782, 91.0554



81.6880, -40.2722, 37.1076



69.7630, -4.3202, -61.1822



79.8870, 54.7787, -70.0609

Rectangle

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



63.1740, 23.5782, 91.0554



72.6270, -23.9731, 82.7651



69.7630, -4.3202, -61.1822



80.4960, 34.2655, -70.5950

Sweetspot

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



63.1740, 23.5782, 91.0554



176.3370, 9.2009, 35.6615



36.3690, 64.4011, 17.2164



84.9240, 5.4605, 21.9917



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



63.1740, 23.5782, 91.0554



81.2990, 30.9116, 119.0098



53.8260, -12.2392, 99.2536



78.9620, 1.0047, 4.4183



55.4240, 20.9900, 81.1892



7.5760, 3.1670, 10.8958

Inverse Universe

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



63.1740, 23.5782, 91.0554



81.2990, 30.9116, 119.0098



114.1740, 12.2392, -99.2536



78.9620, 1.0047, 4.4183



55.4240, 20.9900, 81.1892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 63.1740, 23.5782, 91.0554 looks on a white background.

Color Contrast Check

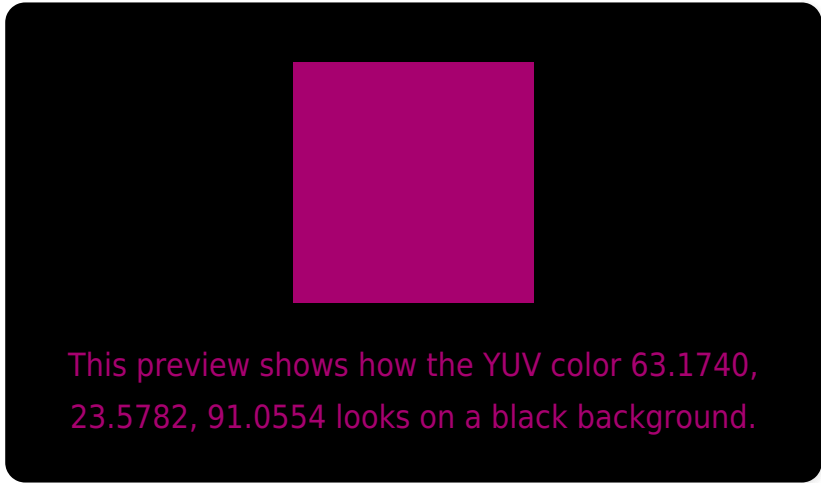
Large Text (above 18pt) WCAG AA ✓ Pass

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

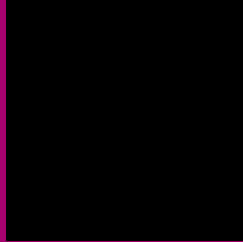
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1740, 23.5782, 91.0554

Background



This preview shows how black text looks on a background with the YUV color 63.1740, 23.5782, 91.0554.



This preview shows how white text looks on a background with the YUV color 63.1740, 23.5782,

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

63.1740, 23.5782, 91.0554

Protanopia

85.9390, 36.0191, -26.2565

Deuteranopia

90.0200, 6.3991, 0.8595



Tritanopia

79.8090, -16.6678, 72.9585

Trichromacy



Original Color

63.1740, 23.5782, 91.0554

Protanomaly

77.7640, 31.6683, 15.9930

Deuteranomaly

80.5370, 12.5533, 33.7321

Tritanomaly

73.4520, -1.7018, 79.4106

Monochromacy



Original Color

63.1740, 23.5782, 91.0554

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7990, 8.4801, 33.5023

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1740, 23.5782, 91.0554 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(167, 1, 111)` looks like.

```
.text, #text, p{  
    color:rgb(167, 1, 111)  
}
```

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(167, 1, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 1, 111) }
```

Border

The CSS property to change the border of an element to YUV 63.1740, 23.5782, 91.0554 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(167, 1, 111) }
```


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

```
.border{ border-color:rgb(167, 1, 111) }
```

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

Here you see how a box with a 4 pixel rgb(167, 1, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 1, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 1, 111);  
box-shadow:4px 4px 4px 4px rgb(167, 1,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 63.1740, 23.5782, 91.0554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 1, 111) }
```

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

```
.background{ background-color: rgb(167, 1,  
111) }
```

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