

Converting Colors

YUV(63.5490, 38.1833, 73.1865)

Have a look what the booklet for
YUV(63.5490, 38.1833, 73.1865)
contains.

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Color

**YUV(63.5490, 38.1833,
73.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	93068D
RGB	147, 6, 141
RGB Percent	58%, 2%, 55%
CMY	0.4235, 0.9765, 0.4471
CMYK	0.00, 0.96, 0.04, 0.42
HSL	303°, 92%, 30%
HSV	303°, 96%, 58%
XYZ	16.9055, 8.2564, 25.9019
YIQ	63.5490, 40.7010, 71.8770

Conversions

Conversions Part 2

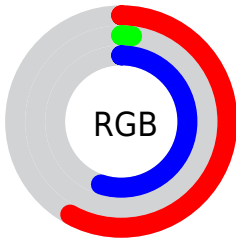
Format	Color
R_{YB}	147, 6, 141
Decimal	9635469
CIE _{Lab}	34.51, 63.47, -36.84
CIE _{LCh}	35, 73.384, 329.871
Yxy	8.2564, 0.3311, 0.1617
Android (android.graphics.Color)	4287825549 (0xFF93068D)
YUV	63.5490, 38.1833, 73.1865
Hunter-Lab	28.7339, 54.7353, -33.3327

Details

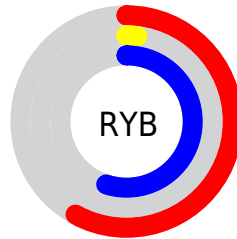
The YUV color **63.5490, 38.1833, 73.1865** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **89.4510, -38.1833, -73.1865**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5990, 32.2427, 65.2497**, and **37.7680, 25.7504, 47.5615** is the 20% darker color. If you saturate the color by 10%, you get **60.0270, 39.9197, 76.2753**, and if you desaturate by 10%, it is **72.4680, 34.2793, 65.3646**.

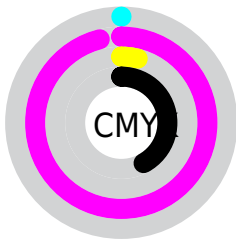
Distribution



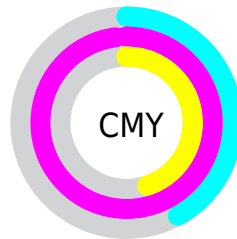
- Red (58%)
- Green (2%)
- Blue (55%)



- Red (58%)
- Yellow (2%)
- Blue (55%)



- Cyan (0%)
- Magenta (96%)
- Yellow (4%)
- Black (42%)



- Cyan (42%)
- Magenta (98%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.5490, 38.1833, 73.1865 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 63.5490, 38.1833, 73.1865 by changing the saturation by 10% instead.

63.5490, 38.1833,
73.1865

63.5490, 38.1833,
73.1865

255.0000, 0.0000,
0.0000

48.6910, 32.6903,
61.6610

129.5990, 32.2427,
65.2497

37.7680, 25.7504,
47.5615

158.1970, 31.9479,
66.4792

26.9590, 19.2472,
33.3620

184.2180, 33.4165,
62.0758

16.5630, 13.0334,
19.6772

201.5830, 26.3346,
46.8467

2.9810, 8.8834,
-2.6143

218.0190, 18.2316,
32.4323

0.0000, 0.0000,
0.0000

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

63.5490, 38.1833,
73.1865

63.5490, 38.1833,
73.1865

60.0270, 39.9197,
76.2753

72.4680, 34.2793,
65.3646

80.6860, 30.2278,
58.1574

89.6050, 26.3237,
50.3354

98.5240, 22.4197,
42.5135

107.3290, 18.0788,
34.7915

■ 115.6610, 14.4641,
27.4843

■ 124.4660, 10.1233,
19.7623

■ 133.3850, 6.2192,
11.9404

■ 141.7170, 2.6045,
4.6332

Harmonies

Analogous

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



77.1850, 53.1528, -15.0712



63.5490, 38.1833, 73.1865



62.2000, 10.7474, 99.8026

Triad

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



63.5490, 38.1833, 73.1865



76.2730, -37.6026, 20.8086



76.8940, 30.6183, -67.4360

Complementary

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



63.5490, 38.1833, 73.1865



89.4510, -38.1833, -73.1865

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.



69.4670, 4.6998, -60.9226



63.5490, 38.1833, 73.1865



66.5400, -32.8042, -25.0296

Square

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



63.5490, 38.1833, 73.1865



72.9930, -35.9855, 62.2731



59.8400, -24.5711, -52.4797



80.2630, 51.1423, -70.3907

Rectangle

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



63.5490, 38.1833, 73.1865



58.1670, -5.9983, 104.2165



59.8400, -24.5711, -52.4797



74.7280, 22.3191, -65.5365

Sweetspot

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



63.5490, 38.1833, 73.1865



158.4870, 15.0429, 28.5139



23.5690, 60.8515, -11.0230



76.8140, 8.9657, 17.7031



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



63.5490, 38.1833, 73.1865



77.9710, 51.7793, 99.1264



55.6830, 8.0443, 80.0850



69.8910, 2.0257, 3.6036



56.3100, 37.3152, 71.6421



4.1300, 2.8939, 5.1480

Inverse Universe

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



63.5490, 38.1833, 73.1865



77.9710, 51.7793, 99.1264



97.3170, -8.0443, -80.0850



69.8910, 2.0257, 3.6036



56.3100, 37.3152, 71.6421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 63.5490, 38.1833, 73.1865 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 63.5490, 38.1833, 73.1865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

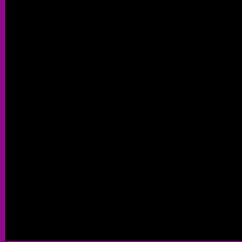
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.5490, 38.1833, 73.1865

Background



This preview shows how black text looks on a background with the YUV color 63.5490, 38.1833, 73.1865.



This preview shows how white text looks on a background with the YUV color 63.5490, 38.1833,

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

63.5490, 38.1833, 73.1865

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

81.1000, 25.0937, -22.0127



Tritanopia

81.1590, -10.9244, 50.7266

Trichromacy



Original Color

63.5490, 38.1833, 73.1865



Protanomaly

65.7850, 46.4480, -11.2124



Deuteranomaly

74.8730, 29.6426, 12.3894



Tritanomaly

74.9100, 6.9464, 58.8379

Monochromacy



Original Color

63.5490, 38.1833, 73.1865



Achromatopsia

64.0000, 0.0000, 0.0000



Achromatomaly

63.8350, 13.8853, 26.4547

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5490, 38.1833, 73.1865 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(147, 6, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 6, 141)  
}
```

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(147, 6, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 6, 141) }
```

Border

The CSS property to change the border of an element to YUV 63.5490, 38.1833, 73.1865 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(147, 6, 141) }
```


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

```
.border{ border-color:rgb(147, 6, 141) }
```

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

Here you see how a box with a 4 pixel rgb(147, 6, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 6, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 6, 141);  
box-shadow:4px 4px 4px 4px rgb(147, 6,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 63.5490, 38.1833, 73.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 6, 141) }
```

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

```
.background{ background-color: rgb(147, 6,  
141) }
```

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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