

Converting Colors

YUV(68.6850, 21.3543, 10.8003)

Have a look what the booklet for
YUV(68.6850, 21.3543, 10.8003)
contains.

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Color

**YUV(68.6850, 21.3543,
10.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	513670
RGB	81, 54, 112
RGB Percent	32%, 21%, 44%
CMY	0.6824, 0.7882, 0.5608
CMYK	0.28, 0.52, 0.00, 0.56
HSL	268°, 35%, 33%
HSV	268°, 52%, 44%
XYZ	7.6371, 5.5575, 15.9994
YIQ	68.6850, -2.5260, 23.7620

Conversions

Conversions Part 2

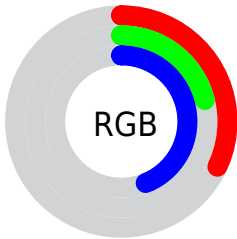
Format	Color
R_{YB}	81, 54, 112
Decimal	5322352
CIE Lab	28.27, 24.95, -29.22
CIE LCh	28, 38.419, 310.498
Yxy	5.5575, 0.2616, 0.1904
Android (android.graphics.Color)	4283512432 (0xFF513670)
YUV	68.6850, 21.3543, 10.8003
Hunter-Lab	23.5744, 16.5715, -23.7368

Details

The YUV color **68.6850, 21.3543, 10.8003** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.3150, -21.3543, -10.8003**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0380, 22.6593, 12.2447**, and **23.0330, 20.1967, 8.7411** is the 20% darker color. If you saturate the color by 10%, you get **60.4340, 25.4220, 12.7744**, and if you desaturate by 10%, it is **76.9360, 17.2866, 8.8261**.

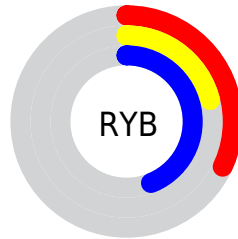
Distribution



Red (32%)

Green (21%)

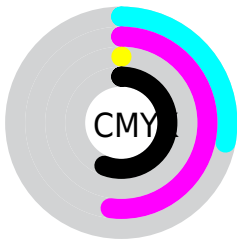
Blue (44%)



Red (32%)

Yellow (21%)

Blue (44%)

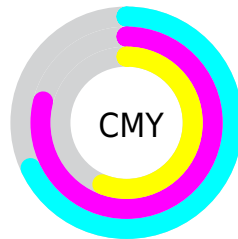


Cyan (28%)

Magenta (52%)

Yellow (0%)

Black (56%)



Cyan (68%)

Magenta (79%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.6850, 21.3543, 10.8003 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 68.6850, 21.3543, 10.8003 by changing the saturation by 10% instead.

■ 68.6850, 21.3543,
10.8003

■ 68.6850, 21.3543,
10.8003

■ 255.0000, 0.0000,
0.0000

■ 45.7450, 20.3387,
9.8706

■ 118.0380, 22.6593,
12.2447

■ 23.0330, 20.1967,
8.7411

■ 143.8640, 23.2380,
13.2743

■ 7.9630, 16.2872,
2.6634

■ 170.3910, 23.9642,
13.6891

■ 2.7530, 8.0098,
-2.4144

■ 197.9180, 24.6904,
14.1039

■ 0.0000, 0.0000,
0.0000

■ 223.2360, 15.6597,
17.3330

■ 243.8470, 5.4984,

9.7812

■ 68.6850, 21.3543,
10.8003

■ 68.6850, 21.3543,
10.8003

■ 60.4340, 25.4220,
12.7744

■ 76.9360, 17.2866,
8.8261

■ 52.1830, 29.4898,
14.7485

■ 85.1870, 13.2188,
6.8520

■ 43.3450, 33.8469,
17.2374

■ 94.0250, 8.8617,
4.3631

■ 35.0940, 37.9147,
19.2116

■ 102.2760, 4.7939,
2.3889

■ 28.3160, 41.2562,
20.7709

■ 110.5270, 0.7262,
0.4148

■ 118.7780, -3.3416,
-1.5593

■ 127.0290, -7.4093,
-3.5334

■ 135.8670,
-11.7664, -6.0224

■ 144.1180,
-15.8342, -7.9965

Harmonies

Analogous

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



57.7650, 33.1469, -38.3819



68.6850, 21.3543, 10.8003



66.8750, 9.9216, 37.8206

Triad

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



68.6850, 21.3543, 10.8003



63.6190, -28.8992, 29.2751



55.7380, 10.4822, -48.8822

Complementary

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



68.6850, 21.3543, 10.8003



97.3150, -21.3543, -10.8003

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.



51.6170, -2.7692, -45.2681



68.6850, 21.3543, 10.8003



61.7320, -30.4339, 8.1280

Square

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



68.6850, 21.3543, 10.8003



63.9210, -16.7231, 43.9193



57.6240, -20.0276, -16.3332



58.3430, 23.0019, -51.1668

Rectangle

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



68.6850, 21.3543, 10.8003



64.0520, 1.4534, 47.3124



57.6240, -20.0276, -16.3332



54.4840, 5.6774, -47.7825

Sweetspot

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



68.6850, 21.3543, 10.8003



127.9110, 8.4249, 4.4631



79.3960, 16.0738, -22.2723



63.3900, 5.2307, 2.2890



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



68.6850, 21.3543, 10.8003



77.8180, 33.1207, 16.8226



77.0570, 17.2269, 28.0140



51.5810, 2.1786, 1.2445



30.4240, 44.1610, 22.4302



62.5430, 90.9373, 46.0048

Inverse Universe

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



74.8760, 4.9911, 32.5577



87.3820, 7.6997, 50.5310



88.9430, -17.2269, -28.0140



52.1360, 0.4260, 3.3887



43.1760, 10.2662, 67.3746



88.9010, 21.2478, 138.6528

Previews

White Background



This preview shows how the YUV color 68.6850, 21.3543, 10.8003 looks on a white background.

Color Contrast Check

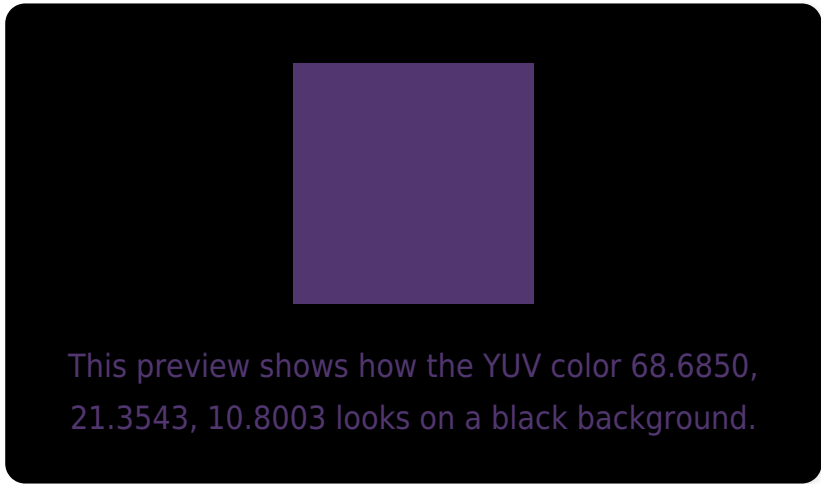
Large Text (above 18pt) WCAG AA ✓ Pass

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

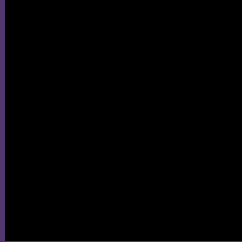
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.6850, 21.3543, 10.8003

Background



This preview shows how black text looks on a background with the YUV color 68.6850, 21.3543, 10.8003.



This preview shows how white text looks on a background with the YUV color 68.6850, 21.3543,

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

68.6850, 21.3543, 10.8003

Protanopia

63.5390, 29.3143, -22.3977

Deuteranopia

64.0140, 22.1781, -20.1833



Tritanopia

67.9620, 1.0047, 4.4183

Trichromacy



Original Color

68.6850, 21.3543, 10.8003

Protanomaly

65.5190, 26.3661, -10.1022

Deuteranomaly

65.6780, 21.8507, -8.4876

Tritanomaly

68.2210, 8.2720, 6.8222

Monochromacy



Original Color

68.6850, 21.3543, 10.8003

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0850, 7.8461, 3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6850, 21.3543, 10.8003 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(81, 54, 112)` looks like.

```
.text, #text, p{  
    color:rgb(81, 54, 112)  
}
```

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(81, 54, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 54, 112) }
```

Border

The CSS property to change the border of an element to YUV 68.6850, 21.3543, 10.8003 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(81, 54, 112) }
```


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

```
.border{ border-color:rgb(81, 54, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 54, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 54, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 54, 112);  
box-shadow:4px 4px 4px 4px rgb(81, 54,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 68.6850, 21.3543, 10.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 54, 112) }
```

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

```
.background{ background-color: rgb(81, 54,  
112) }
```

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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