

Converting Colors

YUV(28.8650, 21.7586, 21.1664)

Have a look what the booklet for
YUV(28.8650, 21.7586, 21.1664)
contains.

YUV(28.8650, 21.7586, 21.1664)	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(28.8650, 21.7586,
21.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	350849
RGB	53, 8, 73
RGB Percent	21%, 3%, 29%
CMY	0.7922, 0.9686, 0.7137
CMYK	0.27, 0.89, 0.00, 0.71
HSL	282°, 80%, 16%
HSV	282°, 89%, 29%
XYZ	2.7576, 1.4116, 6.4305
YIQ	28.8650, 5.9550, 29.7550

Conversions

Conversions Part 2

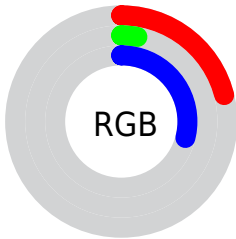
Format	Color
R_{YB}	53, 8, 73
Decimal	3475529
CIE Lab	12.03, 32.80, -29.55
CIE LCh	12, 44.149, 317.984
Yxy	1.4116, 0.2602, 0.1332
Android (android.graphics.Color)	4281665609 (0xFF350849)
YUV	28.8650, 21.7586, 21.1664
Hunter-Lab	11.8810, 20.6387, -23.7732

Details

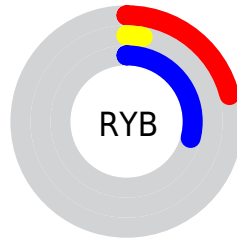
The YUV color **28.8650, 21.7586, 21.1664** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.1350, -21.7586, -21.1664**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.5770, 21.9005, 22.2960**, and **4.3660, 11.6516, -3.8290** is the 20% darker color. If you saturate the color by 10%, you get **24.1580, 24.0791, 23.5404**, and if you desaturate by 10%, it is **33.5720, 19.4380, 18.7924**.

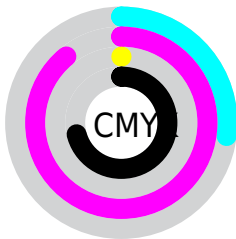
Distribution



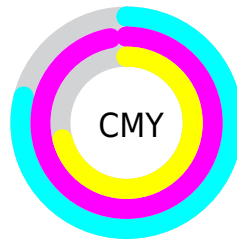
- Red (21%)
- Green (3%)
- Blue (29%)



- Red (21%)
- Yellow (3%)
- Blue (29%)



- Cyan (27%)
- Magenta (89%)
- Yellow (0%)
- Black (71%)



- Cyan (79%)
- Magenta (97%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.8650, 21.7586, 21.1664 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 28.8650, 21.7586, 21.1664 by changing the saturation by 10% instead.

■ 28.8650, 21.7586,
21.1664

■ 28.8650, 21.7586,
21.1664

■ 246.7820, 4.0515,
7.2072

■ 15.2680, 17.1229,
14.6740

■ 77.5770, 21.9005,
22.2960

■ 4.3660, 11.6516,
-3.8290

■ 102.4030, 22.4793,
23.3256

■ 0.0000, 0.0000,
0.0000


■ 127.9300, 23.2055,
23.7404


■ 154.7560, 23.7843,
24.7700


■ 181.5820, 24.3631,
25.7996


■ 208.8380, 22.7579,


27.3291


 229.7590, 12.4438,
22.1364


 28.8650, 21.7586,
21.1664


 28.8650, 21.7586,
21.1664


 24.1580, 24.0791,
23.5404

 33.5720, 19.4380,
18.7924

 23.5710, 24.3685,
24.0552

 38.8660, 16.8281,
15.9035

 43.8720, 14.3601,
14.1443

 48.5790, 12.0396,
11.7702

 53.8730, 9.4296,
8.8814

■ 58.5800, 7.1091,
6.5073

■ 63.5860, 4.6411,
4.7481

■ 68.2930, 2.3206,
2.3740

■ 73.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



27.9840, 31.0669, -24.5420



28.8650, 21.7586, 21.1664



28.1530, 8.3056, 42.8388

Triad

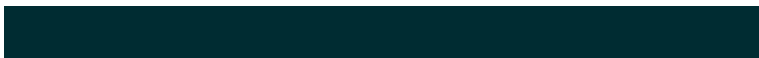
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.8650, 21.7586, 21.1664



30.2120, -14.8945, 17.3541



31.5280, 9.1067, -27.6501

Complementary

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



28.8650, 21.7586, 21.1664



52.1350, -21.7586, -21.1664

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.



27.7660, -5.3076, -24.3508



28.8650, 21.7586, 21.1664



28.0090, -13.8084, -4.3929

Square

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



28.8650, 21.7586, 21.1664



23.8650, -11.7654, 40.4604



24.0670, -11.8650, -21.1068



34.0190, 21.1896, -29.8347

Rectangle

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



28.8650, 21.7586, 21.1664



27.0690, -1.0200, 47.2975



24.0670, -11.8650, -21.1068



30.2740, 4.3019, -26.5503

Sweetspot

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



28.8650, 21.7586, 21.1664



77.2320, 8.2666, 8.5665



27.7370, 22.3147, -17.3093



37.9990, 4.9305, 5.2629



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



28.8650, 21.7586, 21.1664



30.1510, 31.4776, 30.5626



33.4770, 13.5688, 34.6617



33.3530, 1.3050, 1.4444



31.9170, 33.0719, 32.5218



72.8210, 76.0102, 73.8250

Inverse Universe

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



29.7150, -0.8455, 37.9609



31.4120, -1.1891, 54.8897



47.5230, -13.5688, -34.6617



33.3100, -0.1528, 2.3591



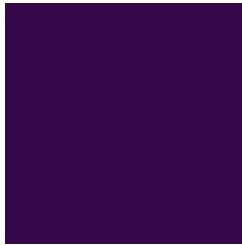
33.1350, -1.0526, 57.7636



75.8530, -2.8855, 132.5559

Previews

White Background



This preview shows how the YUV color 28.8650, 21.7586, 21.1664 looks on a white background.

Color Contrast Check

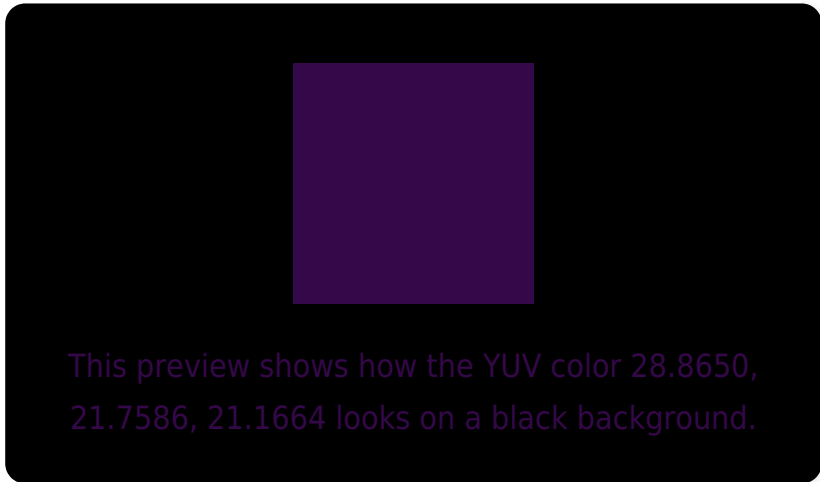
Large Text (above 18pt) WCAG AA ✓ Pass

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

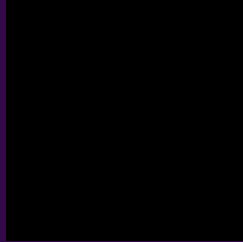
Any Text WCAG AA × Fail

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 28.8650, 21.7586, 21.1664 Background



This preview shows how black text looks on a background with the YUV color 28.8650, 21.7586, 21.1664.



This preview shows how white text looks on a background with the YUV color 28.8650, 21.7586,

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

28.8650, 21.7586, 21.1664

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.3850, 16.0792, -24.0166



Tritanopia

34.3110, -1.6323, 10.2513

Trichromacy



Original Color

28.8650, 21.7586, 21.1664

Protanomaly

27.7490, 20.8297, -7.6729

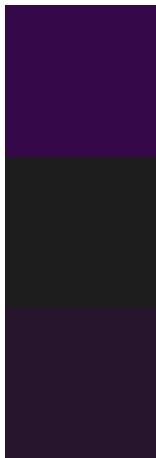
Deuteranomaly

27.7660, 18.3564, -7.6878

Tritanomaly

32.2220, 6.7926, 14.7143

Monochromacy



Original Color

28.8650, 21.7586, 21.1664

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8190, 7.9772, 8.0517

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.8650, 21.7586, 21.1664 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(53, 8, 73)` looks like.

```
.text, #text, p{  
    color:rgb(53, 8, 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(53, 8, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 8, 73) }
```

Border

The CSS property to change the border of an element to YUV 28.8650, 21.7586, 21.1664 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(53, 8, 73) }
```


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

```
.border{ border-color:rgb(53, 8, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 8, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 8, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 8, 73); box-shadow:4px  
4px 4px 4px rgb(53, 8, 73) }
```

Background

The CSS property to change the background color of an element to YUV 28.8650, 21.7586, 21.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 8, 73) }
```

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

```
.background{ background-color: rgb(53, 8,  
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](#).

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