

Converting Colors

YUV(25.8980, 35.0533, 3.5975)

Have a look what the booklet for
YUV(25.8980, 35.0533, 3.5975)
contains.

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Color

**YUV(25.8980, 35.0533,
3.5975)**

Conversions

Conversions Part 1

Format	Color
Hex	1E0A61
RGB	30, 10, 97
RGB Percent	12%, 4%, 38%
CMY	0.8824, 0.9608, 0.6196
CMYK	0.69, 0.90, 0.00, 0.62
HSL	254°, 81%, 21%
HSV	254°, 90%, 38%
XYZ	2.8016, 1.3562, 11.4234
YIQ	25.8980, -16.0070, 31.2970

Conversions

Conversions Part 2

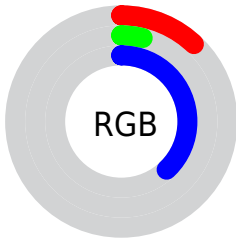
Format	Color
RYB	30, 10, 97
Decimal	1968737
CIELab	11.66, 35.22, -46.63
CIELCh	12, 58.437, 307.059
Yxy	1.3562, 0.1798, 0.0870
Android (android.graphics.Color)	4280158817 (0xFF1E0A61)
YUV	25.8980, 35.0533, 3.5975
Hunter-Lab	11.6455, 22.5634, -50.0074

Details

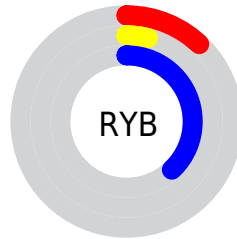
The YUV color **25.8980, 35.0533, 3.5975** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **81.1020, -35.0533, -3.5975**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.2730, 36.3474, 8.5306**, and **7.9340, 20.2455, -6.9581** is the 20% darker color. If you saturate the color by 10%, you get **17.9350, 38.9790, 4.4420**, and if you desaturate by 10%, it is **33.8610, 31.1275, 2.7529**.

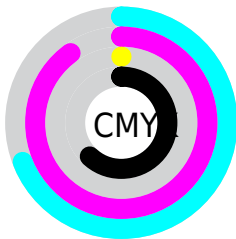
Distribution



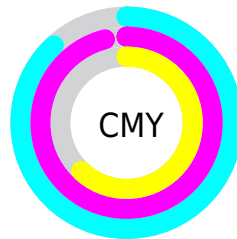
- Red (12%)
- Green (4%)
- Blue (38%)



- Red (12%)
- Yellow (4%)
- Blue (38%)



- Cyan (69%)
- Magenta (90%)
- Yellow (0%)
- Black (62%)



- Cyan (88%)
- Magenta (96%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.8980, 35.0533, 3.5975 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 25.8980, 35.0533, 3.5975 by changing the saturation by 10% instead.

■ 25.8980, 35.0533,
3.5975

■ 25.8980, 35.0533,
3.5975

■ 246.1950, 4.3409,
7.7220

■ 8.3220, 31.8863,
-7.2984

■ 75.2730, 36.3474,
8.5306

■ 7.9340, 20.2455,
-6.9581

■ 100.5120, 37.2156,
10.0750

■ 3.6650, 11.5042,
-3.2142

■ 125.8650, 38.5206,
11.5194


■ 0.0000, 0.0000,
0.0000


■ 152.6910, 39.0993,
12.5490


■ 178.9470, 37.4941,
14.0785


■ 203.4670, 25.4058,


18.0074


 228.8730, 12.8806,
22.0364


 25.8980, 35.0533,
3.5975


 25.8980, 35.0533,
3.5975


 17.9350, 38.9790,
4.4420


 33.8610, 31.1275,
2.7529

 17.6360, 39.1265,
3.8272

 41.5360, 27.3438,
3.0379

 49.4990, 23.4180,
2.1934

 57.7610, 19.3448,
1.9636

 65.1370, 15.7085,
1.6339

■ 73.3990, 11.6353,
1.4041

■ 81.3620, 7.7095,
0.5595

■ 89.6240, 3.6364,
0.3298

■ 97.0000, 0.0000,
0.0000

Harmonies

Analogous

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



34.1280, 39.3769, -29.9303



25.8980, 35.0533, 3.5975



31.4010, 15.5783, 43.4983

Triad

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



25.8980, 35.0533, 3.5975



27.0550, -13.3381, 31.5238



30.9750, 4.4493, -27.1651

Complementary

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



25.8980, 35.0533, 3.5975



81.1020, -35.0533, -3.5975

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.



25.8280, -12.7332, -22.6512



25.8980, 35.0533, 3.5975



28.6400, -14.1195, 2.0697

Square

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



25.8980, 35.0533, 3.5975



25.4150, -12.5296, 52.2560



24.0670, -11.8650, -21.1068



36.1220, 21.6319, -31.6790

Rectangle

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



25.8980, 35.0533, 3.5975



32.0250, 2.4527, 53.4751



24.0670, -11.8650, -21.1068



29.3790, -1.6658, -25.7654

Sweetspot

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



25.8980, 35.0533, 3.5975



97.2680, 13.6719, 1.5190



59.8340, 18.3228, -43.7044



46.8890, 8.4357, 0.9743



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



25.8980, 35.0533, 3.5975



22.9210, 50.3249, 5.3313



38.4560, 28.8622, 29.4181



44.7550, 1.5998, 0.2149



20.5420, 45.0888, 4.7867



43.8050, 96.7241, 9.8180

Inverse Universe

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



43.6510, 16.4411, 46.7871



48.3190, 23.5067, 67.2492



68.5440, -28.8622, -29.4181



45.5380, 0.7208, 2.1592



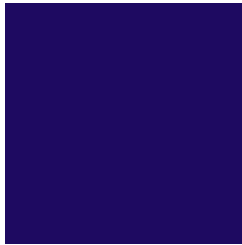
43.2920, 21.0550, 60.2569



92.8500, 45.4300, 129.0506

Previews

White Background



This preview shows how the YUV color 25.8980, 35.0533, 3.5975 looks on a white background.

Color Contrast Check

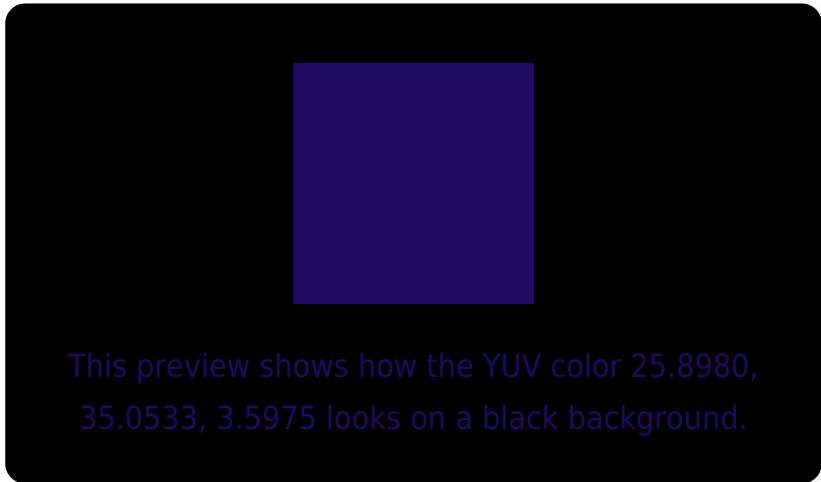
Large Text (above 18pt) WCAG AA ✓ Pass

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

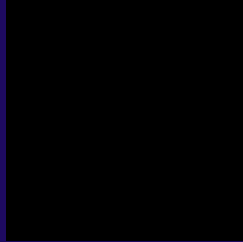
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.8980, 35.0533, 3.5975

Background



This preview shows how black text looks on a background with the YUV color 25.8980, 35.0533, 3.5975.



This preview shows how white text looks on a background with the YUV color 25.8980, 35.0533,

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

25.8980, 35.0533, 3.5975

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.4560, 15.0582, -23.2019



Tritanopia

26.1650, 6.3277, -22.9467

Trichromacy



Original Color

25.8980, 35.0533, 3.5975

Protanomaly

26.2690, 25.5034, -13.3909

Deuteranomaly

26.1720, 22.5932, -13.3058

Tritanomaly

25.9780, 16.7728, -13.1357

Monochromacy



Original Color

25.8980, 35.0533, 3.5975

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.7410, 12.9457, 1.1041

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.8980, 35.0533, 3.5975 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(30, 10, 97)` looks like.

```
.text, #text, p{  
    color:rgb(30, 10, 97)  
}
```

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(30, 10, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 10, 97) }
```

Border

The CSS property to change the border of an element to YUV 25.8980, 35.0533, 3.5975 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(30, 10, 97) }
```


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

```
.border{ border-color:rgb(30, 10, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 10, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 10, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 10, 97);  
box-shadow:4px 4px 4px 4px rgb(30, 10, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.8980, 35.0533, 3.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 10, 97) }
```

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

```
.background{ background-color: rgb(30, 10,  
97) }
```

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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