

Converting Colors

YUV(28.1010, 33.9672, 25.3444)

Have a look what the booklet for
YUV(28.1010, 33.9672, 25.3444)
contains.

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Color

**YUV(28.1010, 33.9672,
25.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	390061
RGB	57, 0, 97
RGB Percent	22%, 0%, 38%
CMY	0.7765, 1.0000, 0.6196
CMYK	0.41, 1.00, 0.00, 0.62
HSL	275°, 100%, 19%
HSV	275°, 100%, 38%
XYZ	3.8450, 1.7329, 11.4411
YIQ	28.1010, 2.8350, 42.2510

Conversions

Conversions Part 2

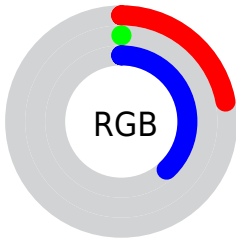
Format	Color
R_{YB}	57, 0, 97
Decimal	3735649
CIE _{Lab}	14.02, 42.25, -42.62
CIE _{LCh}	14, 60.016, 314.751
Yxy	1.7329, 0.2259, 0.1018
Android (android.graphics.Color)	4281925729 (0xFF390061)
YUV	28.1010, 33.9672, 25.3444
Hunter-Lab	13.1641, 29.0999, -42.3150

Details

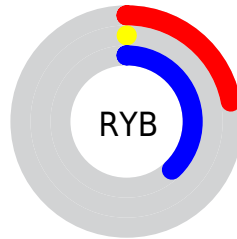
The YUV color **28.1010, 33.9672, 25.3444** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **68.8990, -33.9672, -25.3444**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6880, 33.6778, 24.8296**, and **5.5860, 21.4031, -4.8989** is the 20% darker color. If you saturate the color by 10%, you get **28.1010, 33.9672, 25.3444**, and if you desaturate by 10%, it is **35.1670, 30.4837, 22.6555**.

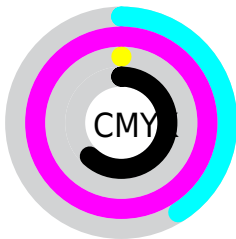
Distribution



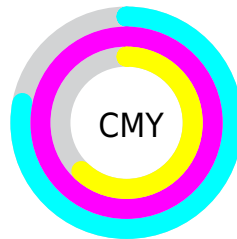
- Red (22%)
- Green (0%)
- Blue (38%)



- Red (22%)
- Yellow (0%)
- Blue (38%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (78%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.1010, 33.9672, 25.3444 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 28.1010, 33.9672, 25.3444 by changing the saturation by 10% instead.

■ 28.1010, 33.9672,
25.3444

■ 28.1010, 33.9672,
25.3444

■ 246.1950, 4.3409,
7.7220

■ 17.8900, 27.1692,
12.3745

■ 80.6880, 33.6778,
24.8296

■ 5.5860, 21.4031,
-4.8989

■ 106.5140, 34.2566,
25.8592

■ 3.6650, 11.5042,
-3.2142

■ 133.2260, 34.3986,
26.9888

■ 0.0000, 0.0000,
0.0000

■ 160.1660, 35.4142,
27.9184

■ 186.4220, 33.8090,
29.4479

■ 211.8280, 21.2838,

33.4768

■ 229.7590, 12.4438,
22.1364

■ 28.1010, 33.9672,
25.3444

■ 35.1670, 30.4837,
22.6555

■ 41.6460, 27.2895,
20.4815

■ 48.7120, 23.8060,
17.7926

■ 55.7780, 20.3224,
15.1037

■ 62.8440, 16.8389,
12.4148

■ 69.3230, 13.6448,
10.2407

■ 76.3890, 10.1612,
7.5518

■ 83.4550, 6.6777,
4.8630

■ 89.9340, 3.4835,
2.6889

Harmonies

Analogous

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



34.8120, 41.9977, -30.5301



28.1010, 33.9672, 25.3444



35.1310, 11.7674, 52.5051

Triad

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



28.1010, 33.9672, 25.3444



33.2130, -16.3740, 25.2462



36.3210, 9.7017, -31.8535

Complementary

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



28.1010, 33.9672, 25.3444



68.8990, -33.9672, -25.3444

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.



30.3760, -10.5384, -26.6398



28.1010, 33.9672, 25.3444



30.9550, -15.2608, -5.2225

Square

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



28.1010, 33.9672, 25.3444



26.6110, -13.1192, 54.7152



27.5890, -13.6014, -24.1956



40.8810, 27.1737, -35.8526

Rectangle

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



28.1010, 33.9672, 25.3444



34.0320, -1.4948, 59.6079



27.5890, -13.6014, -24.1956



34.7250, 3.5866, -30.4538

Sweetspot

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



28.1010, 33.9672, 25.3444



97.9100, 13.3554, 9.7259



34.5380, 30.7938, -30.2898



47.5090, 8.1301, 5.6926



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.



28.1010, 33.9672, 25.3444



36.0770, 43.8390, 32.3815



39.1490, 24.5765, 50.7353



45.0540, 1.4524, 0.8296



32.5020, 39.1925, 29.3777



69.5190, 84.0471, 62.6888

Inverse Universe

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



33.5630, 3.1734, 55.6342



43.3030, 4.2876, 71.6483



57.8510, -24.5765, -50.7353



45.4240, 0.2840, 2.2592



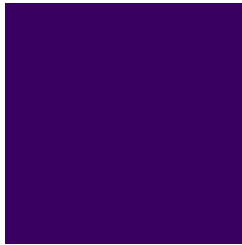
38.7320, 3.5831, 64.2560



83.0460, 7.8653, 137.6487

Previews

White Background



This preview shows how the YUV color 28.1010, 33.9672, 25.3444 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

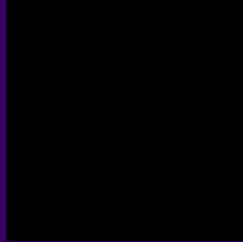
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.1010, 33.9672, 25.3444

Background



This preview shows how black text looks on a background with the YUV color 28.1010, 33.9672, 25.3444.



This preview shows how white text looks on a background with the YUV color 28.1010, 33.9672,

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



Protanopia

31.5400, 24.3838, -27.6606

Deuteranopia

32.0470, 18.7108, -28.1052

Tritanopia

40.4350, 0.2785, 4.0035

Trichromacy



Protanomaly

30.2850, 27.9605, -8.1429

Deuteranomaly

30.6610, 24.3241, -8.4727

Tritanomaly

35.6930, 12.4764, 11.6702

Monochromacy



Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2690, 12.1924, 9.4111

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.1010, 33.9672, 25.3444 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(57, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(57, 0, 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(57, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 0, 97) }
```

Border

The CSS property to change the border of an element to YUV 28.1010, 33.9672, 25.3444 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(57, 0, 97) }
```

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

```
.border{ border-color:rgb(57, 0, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 0, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 0, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 0, 97); box-shadow:4px  
4px 4px 4px rgb(57, 0, 97) }
```


Background

The CSS property to change the background color of an element to YUV 28.1010, 33.9672, 25.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 0, 97) }
```

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

```
.background{ background-color: rgb(57, 0,  
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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