

Converting Colors

YUV(21.3350, 28.9218, 10.2302)

Have a look what the booklet for
YUV(21.3350, 28.9218, 10.2302)
contains.

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Color

**YUV(21.3350, 28.9218,
10.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	210450
RGB	33, 4, 80
RGB Percent	13%, 2%, 31%
CMY	0.8706, 0.9843, 0.6863
CMYK	0.59, 0.95, 0.00, 0.69
HSL	263°, 90%, 16%
HSV	263°, 95%, 31%
XYZ	2.1186, 0.9894, 7.6687
YIQ	21.3350, -7.1120, 29.7840

Conversions

Conversions Part 2

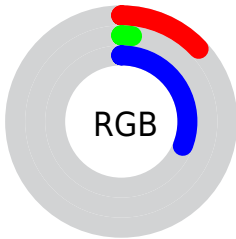
Format	Color
RYB	33, 4, 80
Decimal	2163792
CIELab	8.90, 33.38, -39.66
CIELCh	9, 51.835, 310.083
Yxy	0.9894, 0.1966, 0.0918
Android (android.graphics.Color)	4280353872 (0xFF210450)
YUV	21.3350, 28.9218, 10.2302
Hunter-Lab	9.9466, 20.6131, -38.7492




Details

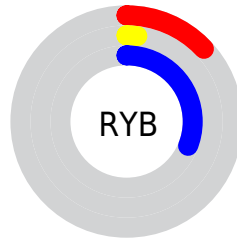
The YUV color **21.3350, 28.9218, 10.2302** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **62.6650, -28.9218, -10.2302**, and the grayscale version is **21.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **69.5850, 29.7846, 13.5190**, and **5.0500, 14.2723, -4.4289** is the 20% darker color. If you saturate the color by 10%, you get **18.3890, 30.3742, 11.0598**, and if you desaturate by 10%, it is **27.5260, 25.8697, 9.1857**.

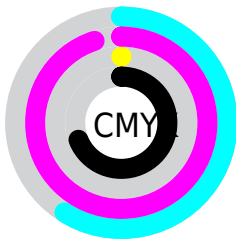
Distribution







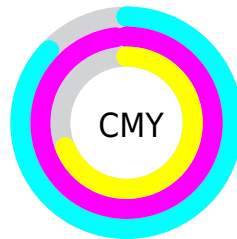
-  Red (13%)
-  Green (2%)
-  Blue (31%)






-  Red (13%)
-  Yellow (2%)
-  Blue (31%)



-  Cyan (59%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (87%)
-  Magenta (98%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.3350, 28.9218, 10.2302 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 21.3350, 28.9218, 10.2302 by changing the saturation by 10% instead.

■ 21.3350, 28.9218,
10.2302

■ 21.3350, 28.9218,
10.2302

■ 241.4990, 6.6560,
11.8404

■ 10.0860, 23.1286,
1.6786

■ 69.5850, 29.7846,
13.5190

■ 5.0500, 14.2723,
-4.4289

■ 93.9380, 31.0896,
14.9634

■ 0.9120, 3.4944,
-0.7998

■ 119.4650, 31.8158,
15.3782

■ 0.0000, 0.0000,
0.0000


■ 145.4050, 32.8313,
16.3078


■ 172.2310, 33.4101,
17.3374


■ 198.4610, 27.8737,


19.7667


 223.5680, 15.4960,
23.1809


 21.3350, 28.9218,
10.2302


 21.3350, 28.9218,
10.2302


 18.3890, 30.3742,
11.0598

 27.5260, 25.8697,
9.1857

 33.7170, 22.8175,
8.1412

 39.9080, 19.7654,
7.0967

 46.0990, 16.7132,
6.0522

 52.2900, 13.6610,
5.0077

■ 58.4810, 10.6089,
3.9632

■ 64.6720, 7.5567,
2.9187

■ 70.8630, 4.5045,
1.8741

■ 77.0540, 1.4524,
0.8296

Harmonies

Analogous

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



27.3800, 33.8297, -24.0123



21.3350, 28.9218, 10.2302



26.9290, 11.3740, 38.6503

Triad

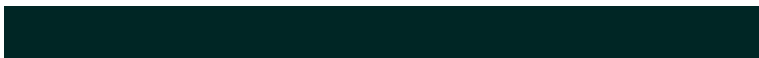
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.3350, 28.9218, 10.2302



22.8800, -11.2798, 24.6612



26.5240, 5.1647, -23.2615

Complementary

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



21.3350, 28.9218, 10.2302



62.6650, -28.9218, -10.2302

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.



21.7190, -10.7075, -19.0476



21.3350, 28.9218, 10.2302



23.0140, -11.3459, -0.8893

Square

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



21.3350, 28.9218, 10.2302



21.2290, -10.4659, 43.6492



21.1320, -10.4181, -18.5328



31.4600, 19.0002, -27.5904

Rectangle

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



21.3350, 28.9218, 10.2302



26.6990, 0.1484, 45.8680



21.1320, -10.4181, -18.5328



25.1560, -0.0769, -22.0618

Sweetspot

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



21.3350, 28.9218, 10.2302



81.1220, 11.7719, 4.2780



40.8400, 19.3059, -32.3087



39.2590, 7.2673, 2.4039



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



21.3350, 28.9218, 10.2302



23.9300, 39.9675, 14.0934



32.3980, 23.4678, 32.9770



37.7550, 1.5998, 0.2149



53.0590, 88.2179, 31.5203

Inverse Universe

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



32.0820, 9.3266, 42.0241



38.8050, 12.9141, 58.0530



51.6020, -23.4678, -32.9770



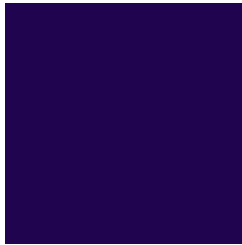
38.4240, 0.2840, 2.2592



85.7840, 28.7005, 128.2314

Previews

White Background



This preview shows how the YUV color 21.3350, 28.9218, 10.2302 looks on a white background.

Color Contrast Check

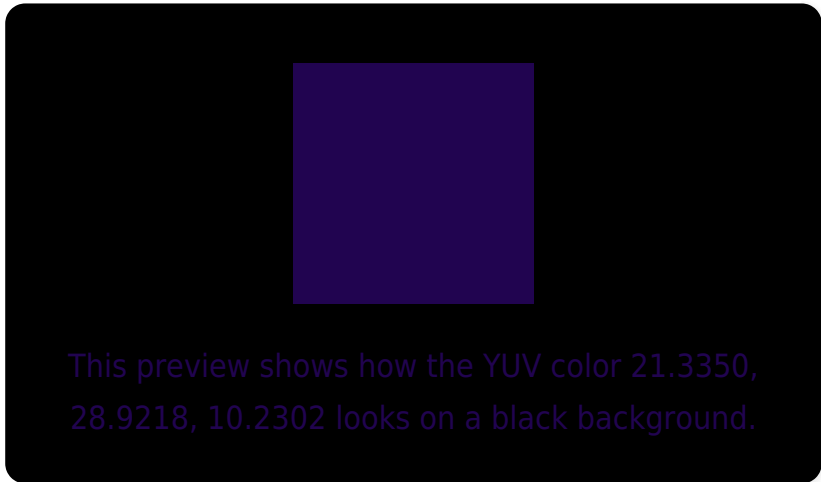
Large Text (above 18pt) WCAG AA ✓ Pass

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

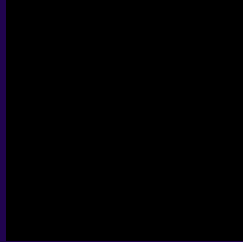
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.3350, 28.9218, 10.2302

Background



This preview shows how black text looks on a background with the YUV color 21.3350, 28.9218, 10.2302.



This preview shows how white text looks on a background with the YUV color 21.3350, 28.9218,

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

21.3350, 28.9218, 10.2302

Protanopia

23.0480, 17.2313, -20.2131

Deuteranopia

23.3100, 13.1582, -20.4429



Tritanopia

25.9600, 3.9637, -11.3659

Trichromacy



Original Color

21.3350, 28.9218, 10.2302

Protanomaly

22.2650, 21.5614, -9.0024

Deuteranomaly

22.8690, 18.7986, -9.5321

Tritanomaly

24.1210, 13.2513, -3.6141

Monochromacy



Original Color

21.3350, 28.9218, 10.2302

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.0680, 10.3195, 3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.3350, 28.9218, 10.2302 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(33, 4, 80)` looks like.

```
.text, #text, p{  
    color:rgb(33, 4, 80)  
}
```

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(33, 4, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 4, 80) }
```

Border

The CSS property to change the border of an element to YUV 21.3350, 28.9218, 10.2302 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(33, 4, 80) }
```

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

```
.border{ border-color:rgb(33, 4, 80) }
```

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

Here you see how a box with a 4 pixel rgb(33, 4, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 4, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 4, 80); box-shadow:4px  
4px 4px 4px rgb(33, 4, 80) }
```

Background

The CSS property to change the background color of an element to YUV 21.3350, 28.9218, 10.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 4, 80) }
```

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

```
.background{ background-color: rgb(33, 4,  
80) }
```

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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