

Converting Colors

YUV(19.8350, 10.4343, 13.2997)

Have a look what the booklet for
YUV(19.8350, 10.4343, 13.2997)
contains.

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Color

**YUV(19.8350, 10.4343,
13.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	230829
RGB	35, 8, 41
RGB Percent	14%, 3%, 16%
CMY	0.8627, 0.9686, 0.8392
CMYK	0.15, 0.80, 0.00, 0.84
HSL	289°, 67%, 10%
HSV	289°, 80%, 16%
XYZ	1.1802, 0.6911, 2.1690
YIQ	19.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

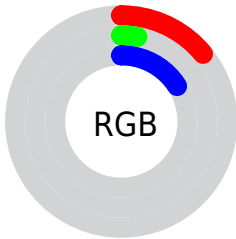
Format	Color
RYB	35, 8, 41
Decimal	2295849
CIELab	6.24, 19.91, -15.87
CIELCh	6, 25.459, 321.447
Yxy	0.6911, 0.2921, 0.1710
Android (android.graphics.Color)	4280485929 (0xFF230829)
YUV	19.8350, 10.4343, 13.2997
Hunter-Lab	8.3132, 10.7934, -9.6503

Details

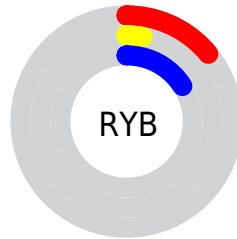
The YUV color **19.8350, 10.4343, 13.2997** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29.1650, -10.4343, -13.2997**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.5470, 10.5763, 14.4293**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.1880, 11.7393, 14.7441**, and if you desaturate by 10%, it is **22.4820, 9.1294, 11.8553**.

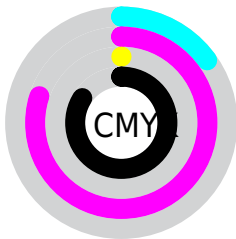
Distribution



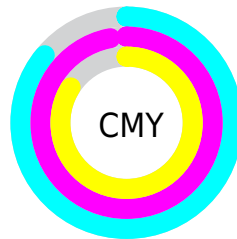
- Red (14%)
- Green (3%)
- Blue (16%)



- Red (14%)
- Yellow (3%)
- Blue (16%)



- Cyan (15%)
- Magenta (80%)
- Yellow (0%)
- Black (84%)



- Cyan (86%)
- Magenta (97%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.8350, 10.4343, 13.2997 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 19.8350, 10.4343, 13.2997 by changing the saturation by 10% instead.

■ 19.8350, 10.4343,
13.2997

■ 19.8350, 10.4343,
13.2997

■ 241.4990, 6.6560,
11.8404

■ 2.2800, 8.7360,
-1.9996

■ 64.5470, 10.5763,
14.4293

■ 0.0000, 0.0000,
0.0000

■ 88.0740, 11.3025,
14.8441


■ 112.7860, 11.4445,
15.9737


■ 138.3130, 12.1707,
16.3885


■ 164.7260, 12.4601,
16.9033


■ 192.1390, 12.7495,

17.4181


 219.5520, 13.0389,
17.9329

 19.8350, 10.4343,
13.2997

 19.8350, 10.4343,
13.2997


 17.1880, 11.7393,
14.7441


 22.4820, 9.1294,
11.8553

 14.8400, 12.8969,
16.8033

 24.8300, 7.9718,
9.7961

 27.4770, 6.6668,
8.3517

 30.1240, 5.3619,
6.9073

 32.7710, 4.0569,
5.4628

■ 35.7060, 2.6099,
2.8888

■ 38.3530, 1.3050,
1.4444

■ 41.0000, 0.0000,
0.0000

■ 43.6470, -1.3050,
-1.4444

Harmonies

Analogous

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



17.5870, 16.4726, -10.1618



19.8350, 10.4343, 13.2997



17.6040, 4.1392, 25.7803

Triad

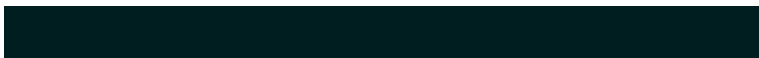
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.8350, 10.4343, 13.2997



19.2480, -9.4893, 10.3065



21.2580, 5.2958, -18.6433

Complementary

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



19.8350, 10.4343, 13.2997



29.1650, -10.4343, -13.2997

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.



18.9780, -3.4402, -16.6437



19.8350, 10.4343, 13.2997



16.7900, -8.2775, -5.0778

Square

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



19.8350, 10.4343, 13.2997



18.1400, -8.9430, 21.8022



16.4360, -8.1029, -14.4144



21.6800, 11.9898, -19.0134

Rectangle

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



19.8350, 10.4343, 13.2997



16.0190, -1.9814, 28.9243



16.4360, -8.1029, -14.4144



20.5740, 2.6750, -18.0434

Sweetspot

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



19.8350, 10.4343, 13.2997



45.4720, 4.2043, 4.8481



15.2840, 12.6780, -6.3881



23.0050, 2.4625, 3.5036



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



19.8350, 10.4343, 13.2997



20.4860, 16.5224, 20.6218



20.4890, 5.1819, 17.9881



18.8260, 0.5788, 1.0296



30.2070, 26.5199, 34.0215



75.8950, 67.0998, 85.1611

Inverse Universe

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



18.5510, -2.2436, 19.6878



18.5740, -3.7340, 31.0686



28.5110, -5.1819, -17.9881



18.7120, 0.1420, 1.1296



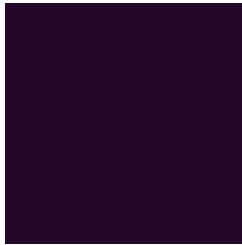
26.8260, -5.8302, 50.1416



67.7200, -14.6520, 126.5336

Previews

White Background



This preview shows how the YUV color 19.8350, 10.4343, 13.2997 looks on a white background.

Color Contrast Check

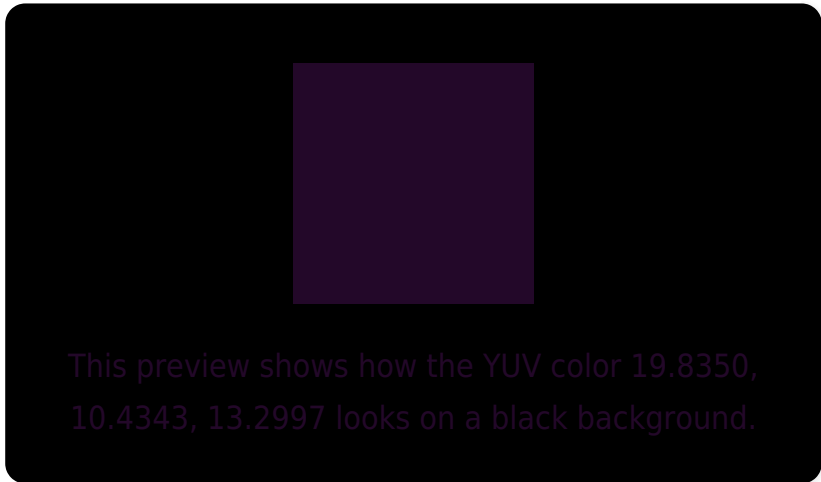
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8350, 10.4343, 13.2997

Background



This preview shows how black text looks on a background with the YUV color 19.8350, 10.4343, 13.2997.



This preview shows how white text looks on a background with the YUV color 19.8350, 10.4343,

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

19.8350, 10.4343, 13.2997

Protanopia

17.3430, 13.1419, -15.2098

Deuteranopia

18.8550, 9.9315, -12.1508



Tritanopia

21.7130, -1.3375, 9.0217

Trichromacy



Original Color

19.8350, 10.4343, 13.2997

Protanomaly

18.1810, 12.2358, -4.5437

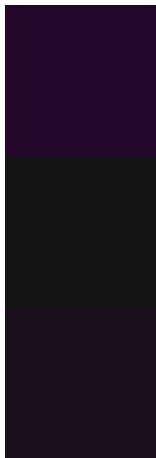
Deuteranomaly

19.3230, 10.1938, -2.9143

Tritanomaly

21.1630, 2.8776, 10.3810

Monochromacy



Original Color

19.8350, 10.4343, 13.2997

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0590, 3.9149, 4.3333

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.8350, 10.4343, 13.2997 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(35, 8, 41)` looks like.

```
.text, #text, p{  
    color:rgb(35, 8, 41)  
}
```

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(35, 8, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 8, 41) }
```

Border

The CSS property to change the border of an element to YUV 19.8350, 10.4343, 13.2997 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(35, 8, 41) }
```


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

```
.border{ border-color:rgb(35, 8, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 8, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 8, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 8, 41); box-shadow:4px  
4px 4px 4px rgb(35, 8, 41) }
```

Background

The CSS property to change the background color of an element to YUV 19.8350, 10.4343, 13.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 8, 41) }
```

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

```
.background{ background-color: rgb(35, 8,  
41) }
```

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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