

Converting Colors

YUV(32.8200, 63.6857, 13.3129)

Have a look what the booklet for
YUV(32.8200, 63.6857, 13.3129)
contains.

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Color

**YUV(32.8200, 63.6857,
13.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	3000A2
RGB	48, 0, 162
RGB Percent	19%, 0%, 64%
CMY	0.8118, 1.0000, 0.3647
CMYK	0.70, 1.00, 0.00, 0.36
HSL	258°, 100%, 32%
HSV	258°, 100%, 64%
XYZ	7.7405, 3.2370, 34.3993
YIQ	32.8200, -23.3940, 60.5580

Conversions

Conversions Part 2

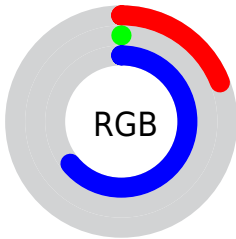
Format	Color
R_{YB}	48, 0, 162
Decimal	3145890
CIE Lab	20.97, 57.38, -72.48
CIE LCh	21, 92.439, 308.368
Yxy	3.2370, 0.1706, 0.0713
Android (android.graphics.Color)	4281335970 (0xFF3000A2)
YUV	32.8200, 63.6857, 13.3129
Hunter-Lab	17.9917, 45.3100, -100.7654

Details

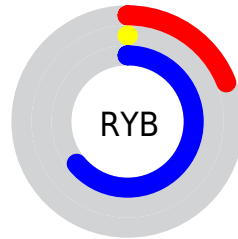
The YUV color **32.8200, 63.6857, 13.3129** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **129.1800, -63.6857, -13.3129**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8590, 61.2015, 16.7867**, and **12.4260, 47.6110, -10.8976** is the 20% darker color. If you saturate the color by 10%, you get **32.8200, 63.6857, 13.3129**, and if you desaturate by 10%, it is **45.5010, 57.4340, 11.8386**.

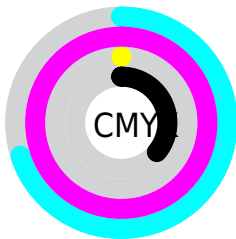
Distribution



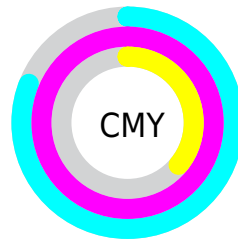
- Red (19%)
- Green (0%)
- Blue (64%)



- Red (19%)
- Yellow (0%)
- Blue (64%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (81%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.8200, 63.6857, 13.3129 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 32.8200, 63.6857, 13.3129 by changing the saturation by 10% instead.

■ 32.8200, 63.6857,
13.3129

■ 32.8200, 63.6857,
13.3129

■ 253.2390, 0.8682,
1.5444

■ 15.3900, 58.9677,
-13.4970

■ 93.8590, 61.2015,
16.7867

■ 12.4260, 47.6110,
-10.8976

■ 121.3970, 61.9223,
18.9458

■ 9.4620, 36.2542,
-8.2982

■ 146.5410, 53.4703,
23.2045

■ 10.2480, 24.0347,
-8.9875

■ 171.3600, 41.2345,
27.7483

■ 5.2780, 15.1459,
-4.6288

■ 196.1790, 28.9988,
32.2920

■ 1.3680, 5.2416,
-1.1997

■ 219.1930, 17.6529,

■ 0.0000, 0.0000,

31.4027

0.0000

■ 236.2160, 9.2605,
16.4736

■ 32.8200, 63.6857,
13.3129

■ 45.5010, 57.4340,
11.8386

■ 58.4810, 51.0349,
10.9792

■ 71.7490, 44.4937,
8.9901

■ 84.7290, 38.0946,
8.1307

■ 97.4100, 31.8429,
6.6564

■ 110.0910, 25.5911,
5.1822

■ 123.0710, 19.1920,
4.3227

■ 136.3390, 12.6509,
2.3337

■ 149.3190, 6.2517,
1.4742

Harmonies

Analogous

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



56.6350, 67.2279, -49.6689



32.8200, 63.6857, 13.3129



52.7050, 24.7954, 73.9267

Triad

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



32.8200, 63.6857, 13.3129



42.2270, -20.8179, 50.6669



49.5430, 9.5923, -43.4492

Complementary

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



32.8200, 63.6857, 13.3129



129.1800, -63.6857, -13.3129

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.



40.5030, -19.9680, -35.5211



32.8200, 63.6857, 13.3129



45.7400, -22.5498, -0.6490

Square

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



32.8200, 63.6857, 13.3129



41.5610, -20.4896, 85.4540



38.1550, -18.8104, -33.4619



58.4690, 38.7158, -51.2773

Rectangle

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



32.8200, 63.6857, 13.3129



52.6580, 2.6336, 88.8769



38.1550, -18.8104, -33.4619



46.2200, -0.6015, -40.5349

Sweetspot

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



32.8200, 63.6857, 13.3129



160.9770, 25.1543, 5.2822



86.5600, 37.1919, -75.9131



76.6210, 14.9768, 2.9634



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



32.8200, 63.6857, 13.3129



43.0050, 83.3145, 17.5356



56.4410, 52.0406, 61.8802



74.9230, 3.4890, 0.9445



29.3870, 56.9972, 11.9386



3.5470, 7.1253, 1.2743

Inverse Universe

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



61.4340, 25.9150, 88.1964



80.3740, 33.8326, 115.4360



105.5590, -52.0406, -61.8802



76.3750, 1.2941, 4.9331



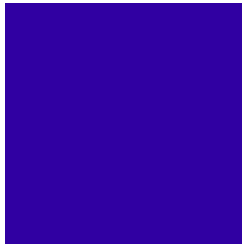
54.9830, 23.1794, 78.9449



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 32.8200, 63.6857, 13.3129 looks on a white background.

Color Contrast Check

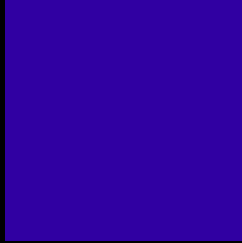
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 32.8200, 63.6857, 13.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

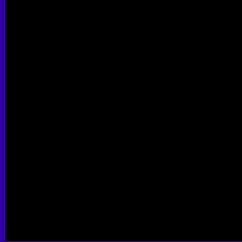
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.8200, 63.6857, 13.3129

Background



This preview shows how black text looks on a background with the YUV color 32.8200, 63.6857, 13.3129.



This preview shows how white text looks on a background with the YUV color 32.8200, 63.6857,

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

42.8360, 32.1259, -37.5672

Deuteranopia

42.7730, 24.2689, -37.5119

Tritanopia

41.8150, 10.4442, -36.6718

Trichromacy



Protanomaly

39.0460, 43.8543, -19.3343

Deuteranomaly

38.9660, 38.4708, -19.2642

Tritanomaly

38.6750, 29.7402, -19.0090

Monochromacy



Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8090, 23.2652, 4.5525

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.8200, 63.6857, 13.3129 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(48, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(48, 0, 162)  
}
```

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(48, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 0, 162) }
```

Border

The CSS property to change the border of an element to YUV 32.8200, 63.6857, 13.3129 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(48, 0, 162) }
```

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

```
.border{ border-color:rgb(48, 0, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 0, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(48, 0, 162)  
}
```


Background

The CSS property to change the background color of an element to YUV 32.8200, 63.6857, 13.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 0, 162) }
```

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

```
.background{ background-color: rgb(48, 0,  
162) }
```

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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