

Converting Colors

YUV(30.8200, 30.1617, 32.6069)

Have a look what the booklet for
YUV(30.8200, 30.1617, 32.6069)
contains.

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Color

**YUV(30.8200, 30.1617,
32.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	44005C
RGB	68, 0, 92
RGB Percent	27%, 0%, 36%
CMY	0.7333, 1.0000, 0.6392
CMYK	0.26, 1.00, 0.00, 0.64
HSL	284°, 100%, 18%
HSV	284°, 100%, 36%
XYZ	4.3157, 2.0017, 10.2841
YIQ	30.8200, 10.9960, 43.0280

Conversions

Conversions Part 2

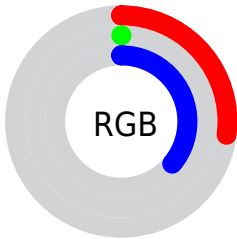
Format	Color
R_{YB}	68, 0, 92
Decimal	4456540
CIE _{Lab}	15.50, 42.62, -36.78
CIE _{LCh}	15, 56.294, 319.207
Yxy	2.0017, 0.2600, 0.1206
Android (android.graphics.Color)	4282646620 (0xFF44005C)
YUV	30.8200, 30.1617, 32.6069
Hunter-Lab	14.1480, 29.6903, -33.1941

Details

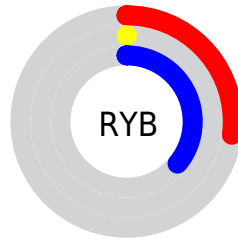
The YUV color **30.8200, 30.1617, 32.6069** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **61.1800, -30.1617, -32.6069**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.4670, 28.8568, 31.1624**, and **10.5120, 17.0026, 6.5670** is the 20% darker color. If you saturate the color by 10%, you get **30.8200, 30.1617, 32.6069**, and if you desaturate by 10%, it is **36.7010, 27.2624, 29.2032**.

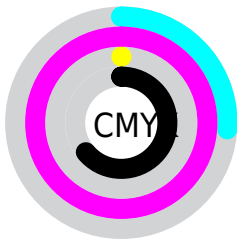
Distribution



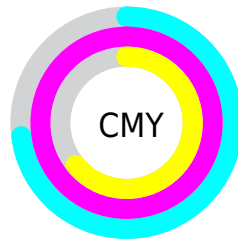
- Red (27%)
- Green (0%)
- Blue (36%)



- Red (27%)
- Yellow (0%)
- Blue (36%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8200, 30.1617, 32.6069 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 30.8200, 30.1617, 32.6069 by changing the saturation by 10% instead.

■ 30.8200, 30.1617,
32.6069

■ 30.8200, 30.1617,
32.6069

■ 248.5430, 3.1833,
5.6628

■ 20.6090, 23.3638,
19.6369

■ 84.4670, 28.8568,
31.1624

■ 10.5120, 17.0026,
6.5670

■ 110.8800, 29.1462,
31.6772

■ 3.2090, 9.7570,
-2.8143

■ 136.7060, 29.7249,
32.7068


■ 0.0000, 0.0000,
0.0000


■ 163.9450, 30.5931,
34.2512


■ 191.3580, 30.8825,
34.7660


■ 215.0840, 19.6786,


35.0063


 231.5200, 11.5756,
20.5920


 30.8200, 30.1617,
32.6069

 36.7010, 27.2624,
29.2032

 42.8810, 24.2157,
26.4144

 49.3490, 21.0269,
22.4959

 55.5290, 17.9802,
19.7071

 61.4100, 15.0809,
16.3034

■ 67.2910, 12.1815,
12.8998

■ 73.4710, 9.1348,
10.1109

■ 79.9390, 5.9461,
6.1925

■ 86.1190, 2.8993,
3.4036

Harmonies

Analogous

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



34.3560, 40.2505, -30.1302



30.8200, 30.1617, 32.6069



35.5720, 9.5780, 54.7494

Triad

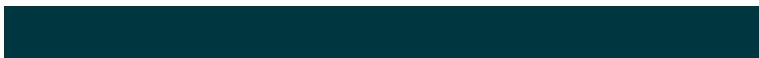
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.8200, 30.1617, 32.6069



37.0230, -18.2523, 21.0278



38.9940, 12.3280, -34.1977

Complementary

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



30.8200, 30.1617, 32.6069



61.1800, -30.1617, -32.6069

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.



33.6190, -5.7282, -29.4839



30.8200, 30.1617, 32.6069



33.0040, -16.2710, -7.8965

Square

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



30.8200, 30.1617, 32.6069



26.0130, -12.8244, 53.4856



29.3500, -14.4695, -25.7399



42.5110, 28.3421, -37.2821

Rectangle

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



30.8200, 30.1617, 32.6069



34.1030, -2.5158, 60.4227



29.3500, -14.4695, -25.7399



37.5120, 6.6496, -32.8980

Sweetspot

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



30.8200, 30.1617, 32.6069



95.8780, 11.8921, 12.3850



25.1630, 32.9506, -22.0680



46.2920, 7.2510, 7.6369



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



30.8200, 30.1617, 32.6069



40.2910, 39.2965, 42.7178



35.6020, 17.4512, 49.4610



42.7660, 1.5944, 1.9592



36.7590, 36.1078, 38.7994



79.3430, 77.7249, 83.8912

Inverse Universe

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



30.2440, -3.0783, 54.1600



39.4140, -4.1481, 70.6739



56.3980, -17.4512, -49.4610



42.7230, 0.1366, 2.8739



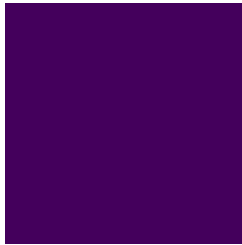
36.1960, -3.5476, 64.7261



77.9310, -7.8540, 139.5035

Previews

White Background



This preview shows how the YUV color 30.8200, 30.1617, 32.6069 looks on a white background.

Color Contrast Check

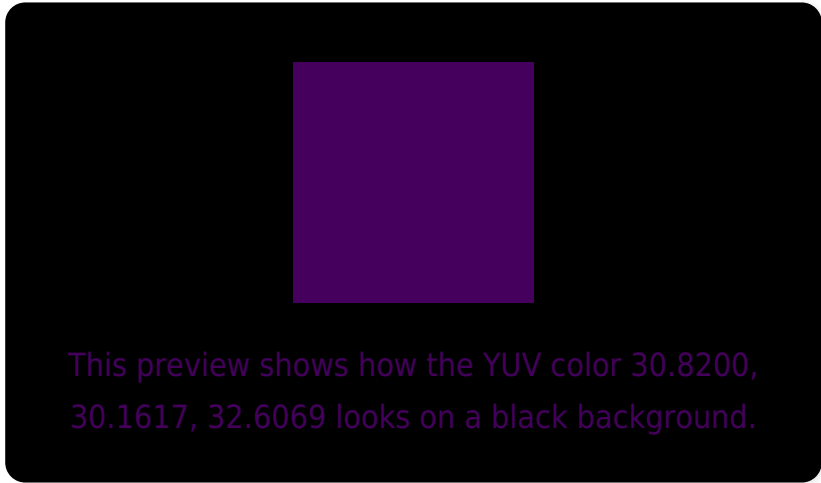
Large Text (above 18pt) WCAG AA ✓ Pass

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

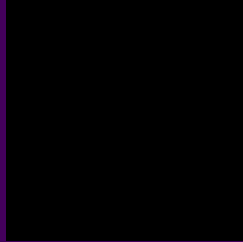
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8200, 30.1617, 32.6069

Background



This preview shows how black text looks on a background with the YUV color 30.8200, 30.1617, 32.6069.



This preview shows how white text looks on a background with the YUV color 30.8200, 30.1617,

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

33.9850, 26.1364, -29.8048

Deuteranopia

34.4920, 20.4634, -30.2495

Tritanopia

43.5180, -2.2274, 14.4547

Trichromacy



Protanomaly

32.8830, 27.6657, -6.9134

Deuteranomaly

33.2590, 24.0293, -7.2431

Tritanomaly

38.9500, 9.3916, 21.0918

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9380, 10.8766, 11.4554

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8200, 30.1617, 32.6069 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(68, 0, 92)` looks like.

```
.text, #text, p{  
    color:rgb(68, 0, 92)  
}
```

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(68, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 0, 92) }
```

Border

The CSS property to change the border of an element to YUV 30.8200, 30.1617, 32.6069 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(68, 0, 92) }
```

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

```
.border{ border-color:rgb(68, 0, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 0, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 0, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 0, 92); box-shadow:4px  
4px 4px 4px rgb(68, 0, 92) }
```


Background

The CSS property to change the background color of an element to YUV 30.8200, 30.1617, 32.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 0, 92) }
```

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

```
.background{ background-color: rgb(68, 0,  
92) }
```

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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