

Converting Colors

YUV(68.3120, -33.6778,
-24.8296)

Have a look what the booklet for
YUV(68.3120, -33.6778, -24.8296)
contains.

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Color

**YUV(68.3120, -33.6778,
-24.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	286000
RGB	40, 96, 0
RGB Percent	16%, 38%, 0%
CMY	0.8431, 0.6235, 1.0000
CMYK	0.58, 0.00, 1.00, 0.62
HSL	95°, 100%, 19%
HSV	95°, 100%, 38%
XYZ	5.0579, 8.8169, 1.4352
YIQ	68.3120, -2.5600, -41.7280

Conversions

Conversions Part 2

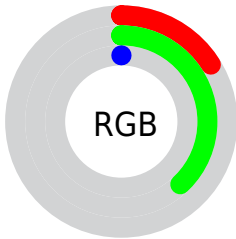
Format	Color
RYB	0, 96, 56
Decimal	2646016
CIELab	35.63, -34.47, 41.77
CIELCh	36, 54.159, 129.531
Yxy	8.8169, 0.3304, 0.5759
Android (android.graphics.Color)	4280836096 (0xFF286000)
YUV	68.3120, -33.6778, -24.8296
Hunter-Lab	29.6932, -21.5574, 17.9194

Details

The YUV color **68.3120, -33.6778, -24.8296** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **27.6880, 33.6778, 24.8296**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4800, -31.7886, -24.1000**, and **28.7630, -14.1802, -25.2252** is the 20% darker color. If you saturate the color by 10%, you get **68.3120, -33.6778, -24.8296**, and if you desaturate by 10%, it is **71.2460, -30.1943, -22.1407**.

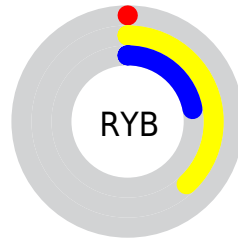
Distribution



Red (16%)

Green (38%)

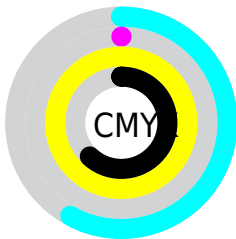
Blue (0%)



Red (0%)

Yellow (38%)

Blue (22%)

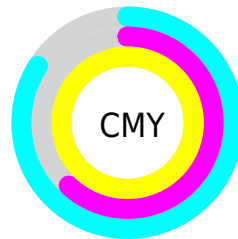


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (84%)


Magenta (62%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 68.3120, -33.6778, -24.8296 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 68.3120, -33.6778, -24.8296 by changing the saturation by 10% instead.


 68.3120, -33.6778,
-24.8296


 68.3120, -33.6778,
-24.8296


 253.7460, -4.8048,
1.0998


 45.2540, -22.3102,
-30.9178

 120.4800,
-31.7886, -24.1000


 28.7630, -14.1802,
-25.2252

 147.2520,
-32.6622, -23.9000

 16.4360, -8.1029,
-14.4144

 174.6110,
-33.8252, -24.2148


 0.0000, 0.0000,
0.0000


 202.0840,
-34.5514, -24.6297

 228.5080,
-34.2674, -22.3705


 240.0720,


-26.1645, -7.9561


 250.4400,
-17.4719, 3.9991


 68.3120, -33.6778,
-24.8296

 71.2460, -30.1943,
-22.1407

 73.7670, -27.0001,
-19.9667

 76.7010, -23.5166,
-17.2778

 79.2220, -20.3224,
-15.1037

 82.1560, -16.8389,
-12.4148

■ 85.0900, -13.3554,
-9.7259

■ 87.6110, -10.1612,
-7.5518

■ 90.5450, -6.6777,
-4.8630

■ 93.0660, -3.4835,
-2.6889

Harmonies

Analogous

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



77.3920, -38.1543, 11.0572



68.3120, -33.6778, -24.8296



65.1010, -6.9518, -57.0936

Triad

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



68.3120, -33.6778, -24.8296



75.7490, 44.0007, -66.4319



73.9460, -0.9594, 74.5924

Complementary

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



68.3120, -33.6778, -24.8296



27.6880, 33.6778, 24.8296

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.



80.5320, 16.9927, 56.5384



68.3120, -33.6778, -24.8296



69.2750, 49.6574, -60.7542

Square

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



68.3120, -33.6778, -24.8296



75.6060, 30.7602, -66.3065



85.5680, 32.2580, 13.5339



77.3320, -23.3347, 64.6068

Rectangle

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



68.3120, -33.6778, -24.8296



69.2220, 6.2996, -60.7077



85.5680, 32.2580, 13.5339



74.9440, 5.4506, 71.9631

Sweetspot

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



68.3120, -33.6778, -24.8296



114.0900, -13.3554, -9.7259



61.5760, -30.3570, 30.1898



57.1920, -7.9827, -6.3074



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.



68.3120, -33.6778, -24.8296



88.9230, -43.8390, -32.3815



57.2640, -24.2872, -50.2205



46.9460, -1.4524, -0.8296



79.7970, -39.3399, -28.7630



170.7800, -84.1945, -62.0741

Inverse Universe

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



27.6880, 33.6778, 24.8296



36.0770, 43.8390, 32.3815



38.7360, 24.2872, 50.2205



45.0540, 1.4524, 0.8296



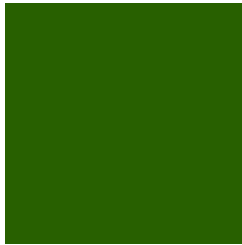
32.2030, 39.3399, 28.7630



69.2200, 84.1945, 62.0741

Previews

White Background



This preview shows how the YUV color 68.3120, -33.6778, -24.8296 looks on a white background.

Color Contrast Check

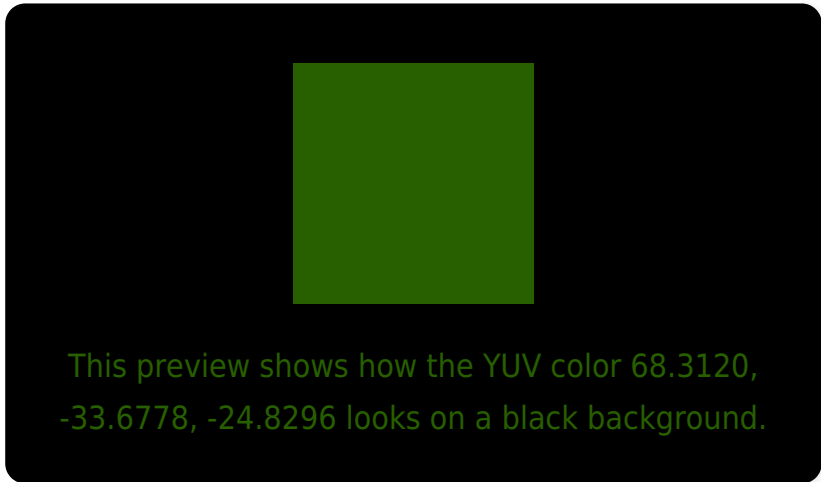
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.3120, -33.6778, -24.8296

Background



This preview shows how black text looks on a background with the YUV color 68.3120, -33.6778, -24.8296.



This preview shows how white text looks on a background with the YUV color 68.3120, -33.6778,

-24.8296.

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

68.3120, -33.6778, -24.8296

Protanopia

77.4140, -38.1651, 14.5459

Deuteranopia

80.0480, -29.6037, 21.8829



Tritanopia

79.6320, 8.0694, -21.6023

Trichromacy



Original Color

68.3120, -33.6778, -24.8296

Protanomaly

73.7820, -36.3745, 0.1912

Deuteranomaly

75.5960, -30.8598, 4.7393

Tritanomaly

75.9080, -7.3496, -22.7213

Monochromacy



Original Color

68.3120, -33.6778, -24.8296

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0300, -12.3398, -8.7963

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3120, -33.6778, -24.8296 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(40, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(40, 96, 0)  
}
```

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(40, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 96, 0) }
```

Border

The CSS property to change the border of an element to YUV 68.3120, -33.6778, -24.8296 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(40, 96, 0) }
```


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

```
.border{ border-color:rgb(40, 96, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 96, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 96, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 96, 0); box-shadow:4px  
4px 4px 4px rgb(40, 96, 0) }
```

Background

The CSS property to change the background color of an element to YUV 68.3120, -33.6778, -24.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 96, 0) }
```

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

```
.background{ background-color: rgb(40, 96,  
0) }
```

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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