

Converting Colors

YUV(163.9330, -32.0120,
0.9358)

Have a look what the booklet for
YUV(163.9330, -32.0120, 0.9358)
contains.

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Color

**YUV(163.9330, -32.0120,
0.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B063
RGB	165, 176, 99
RGB Percent	65%, 69%, 39%
CMY	0.3529, 0.3098, 0.6118
CMYK	0.06, 0.00, 0.44, 0.31
HSL	69°, 33%, 54%
HSV	69°, 44%, 69%
XYZ	33.2945, 39.9509, 17.7609
YIQ	163.9330, 18.1610, -26.2790

Conversions

Conversions Part 2

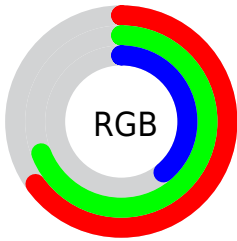
Format	Color
RYB	99, 176, 110
Decimal	10858595
CIELab	69.43, -15.79, 38.02
CIELCh	69, 41.171, 112.549
Yxy	39.9509, 0.3658, 0.4390
Android (android.graphics.Color)	4289048675 (0xFFA5B063)
YUV	163.9330, -32.0120, 0.9358
Hunter-Lab	63.2067, -16.5857, 27.5844

Details

The YUV color **163.9330, -32.0120, 0.9358** is a light color, and the websafe version is hex **999966**. A complement of this color would be **111.0670, 32.0120, -0.9358**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4770, -33.7592, 1.3357**, and **111.9760, -30.5542, 0.0210** is the 20% darker color. If you saturate the color by 10%, you get **160.9840, -39.4321, 0.8910**, and if you desaturate by 10%, it is **166.8820, -24.5918, 0.9805**.

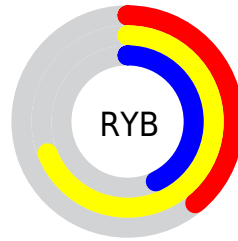
Distribution



Red (65%)

Green (69%)

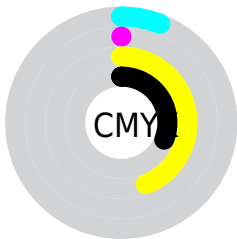
Blue (39%)



Red (39%)

Yellow (69%)

Blue (43%)

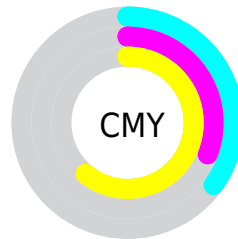


Cyan (6%)

Magenta (0%)

Yellow (44%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9330, -32.0120, 0.9358 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 163.9330, -32.0120, 0.9358 by changing the saturation by 10% instead.

■ 163.9330,
-32.0120, 0.9358

■ 163.9330,
-32.0120, 0.9358

■ 255.0000, 0.0000,
0.0000

■ 137.1610,
-31.1384, 0.7358

■ 219.4770,
-33.7592, 1.3357

■ 111.9760,
-30.5542, 0.0210

■ 244.7270,
-32.8964, 4.6244

■ 86.6770, -30.4068,
-0.5937

■ 249.4140,
-21.4031, 4.8989

■ 62.2640, -30.6962,
-1.1085

■ 252.7200, -8.7360,
1.9996

■ 41.8860, -20.6498,
-3.4080

■ 21.4860, -10.5926,
-9.1962

■ 0.0000, 0.0000,

0.0000

■ 163.9330,
-32.0120, 0.9358

■ 163.9330,
-32.0120, 0.9358

■ 160.9840,
-39.4321, 0.8910

■ 166.8820,
-24.5918, 0.9805

■ 158.4480,
-46.5629, 1.3611

■ 169.4180,
-17.4611, 0.5104

■ 155.4990,
-53.9830, 1.3164

■ 172.3670,
-10.0409, 0.5551

■ 152.9630,
-61.1138, 1.7864

■ 174.9030, -2.9102,
0.0851

■ 150.0140,
-68.5339, 1.7417

■ 177.8520, 4.5100,
0.1298

■ 148.4610,
-73.1913, 2.2267

■ 180.5020, 12.0775,
-0.4403

■ 183.3370, 19.0609,
-0.2955

■ 185.9870, 26.6284,
-0.8656

■ 188.5940, 32.7382,
-0.5209

Harmonies

Analogous

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



167.4960, -35.7405, 30.2600



163.9330, -32.0120, 0.9358



158.5080, -17.5054, -32.0175

Triad

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



163.9330, -32.0120, 0.9358



134.5870, 46.0526, -118.0328



173.5520, 3.1789, 53.8899

Complementary

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



163.9330, -32.0120, 0.9358



111.0670, 32.0120, -0.9358

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.



174.4530, 19.9897, 28.5437



163.9330, -32.0120, 0.9358



159.1200, 41.3528, -57.1102

Square

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



163.9330, -32.0120, 0.9358



133.4010, 31.3543, -116.9927



170.6530, 33.2021, -9.3427



171.4270, -14.0145, 61.8925

Rectangle

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



163.9330, -32.0120, 0.9358



153.0130, -3.4574, -57.8934



170.6530, 33.2021, -9.3427



174.1150, 9.3103, 47.2571

Sweetspot

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



163.9330, -32.0120, 0.9358



225.0850, -12.3669, -0.0745



127.8930, -14.2442, 42.1898



111.9370, -7.8569, 0.0553



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



163.9330, -32.0120, 0.9358



210.7100, -50.6360, 1.1313



152.5710, -26.4105, -22.4258



87.6750, -3.7838, 0.2850



128.9800, -63.5871, 1.7715



21.8400, -10.7671, 0.1403

Inverse Universe

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



111.0670, 32.0120, -0.9358



126.9910, 50.7834, -1.7461



122.4290, 26.4105, 22.4258



81.6240, 3.6364, 0.3298



24.0200, 63.5871, -1.7715



4.1600, 10.7671, -0.1403

Previews

White Background



This preview shows how the YUV color 163.9330, -32.0120, 0.9358 looks on a white 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

Black Background



This preview shows how the YUV color 163.9330, -32.0120, 0.9358 looks on a black 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

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

YUV 163.9330, -32.0120, 0.9358

Background



This preview shows how black text looks on a background with the YUV color 163.9330, -32.0120, 0.9358.



This preview shows how white text looks on a background with the YUV color 163.9330, -32.0120,

0.9358.

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

163.9330, -32.0120, 0.9358

Protanopia

165.8750, -33.9554, 17.6496

Deuteranopia

168.0170, -32.5464, 32.4341



Tritanopia

170.8740, 4.4991, 3.6185

Trichromacy



Original Color

163.9330, -32.0120, 0.9358

Protanomaly

165.3580, -33.2075, 11.0870

Deuteranomaly

166.3530, -32.2190, 20.7384

Tritanomaly

168.1330, -8.4466, 2.5144

Monochromacy



Original Color

163.9330, -32.0120, 0.9358

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.6120, -11.6407, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9330, -32.0120, 0.9358 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(165, 176, 99)` looks like.

```
.text, #text, p{  
    color:rgb(165, 176, 99)  
}
```

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(165, 176, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 176, 99) }
```

Border

The CSS property to change the border of an element to YUV 163.9330, -32.0120, 0.9358 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(165, 176, 99) }
```


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

```
.border{ border-color:rgb(165, 176, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 176, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 176, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 176, 99);  
box-shadow:4px 4px 4px 4px rgb(165, 176,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 163.9330, -32.0120, 0.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 176, 99) }
```

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

```
.background{ background-color: rgb(165,  
176, 99) }
```

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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