

Converting Colors

YUV(163.4320, 1.2660,
-32.8279)

Have a look what the booklet for
YUV(163.4320, 1.2660, -32.8279)
contains.

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Color

**YUV(163.4320, 1.2660,
-32.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB6A6
RGB	126, 182, 166
RGB Percent	49%, 71%, 65%
CMY	0.5059, 0.2863, 0.3490
CMYK	0.31, 0.00, 0.09, 0.29
HSL	163°, 28%, 60%
HSV	163°, 31%, 71%
XYZ	32.2151, 40.6447, 42.2237
YIQ	163.4320, -28.2400, -16.8480

Conversions

Conversions Part 2

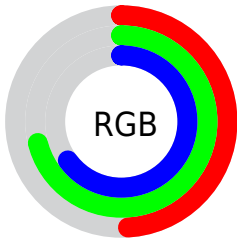
Format	Color
RYB	126, 159, 182
Decimal	8304294
CIELab	69.93, -21.76, 2.30
CIElCh	70, 21.880, 173.960
Yxy	40.6447, 0.2799, 0.3532
Android (android.graphics.Color)	4286494374 (0xFF7EB6A6)
YUV	163.4320, 1.2660, -32.8279
Hunter-Lab	63.7532, -21.3704, 5.3595

Details

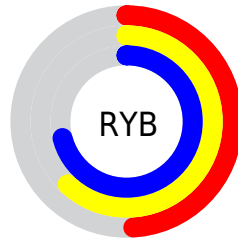
The YUV color $163.4320, 1.2660, -32.8279$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $144.5680, -1.2660, 32.8279$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $218.7200, 1.1240, -33.9574$, and $110.8450, 1.5554, -32.3131$ is the 20% darker color. If you saturate the color by 10%, you get $157.4800, 1.7354, -43.3940$, and if you desaturate by 10%, it is $169.3840, 0.7967, -22.2618$.

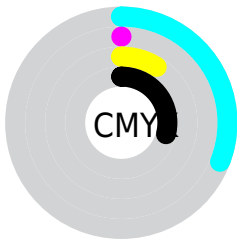
Distribution



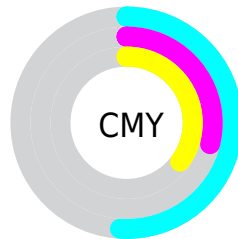
- Red (49%)
- Green (71%)
- Blue (65%)



- Red (49%)
- Yellow (62%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4320, 1.2660, -32.8279 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 163.4320, 1.2660, -32.8279 by changing the saturation by 10% instead.

■ 163.4320, 1.2660,
-32.8279

■ 163.4320, 1.2660,
-32.8279

■ 255.0000, 0.0000,
0.0000

■ 136.8450, 1.5554,
-32.3131

■ 218.7200, 1.1240,
-33.9574

■ 110.8450, 1.5554,
-32.3131

■ 240.3770, 4.7441,
-28.3946

■ 85.9590, 1.9922,
-32.4130

■ 249.6180, 2.6533,
-11.0660

■ 60.7740, 2.5764,
-33.1278

■ 37.8880, 3.0132,
-33.2278

■ 23.2810, 0.3545,
-20.4174

■ 0.0000, 0.0000,

0.0000

■ 163.4320, 1.2660,
-32.8279

■ 163.4320, 1.2660,
-32.8279

■ 157.4800, 1.7354,
-43.3940

■ 169.3840, 0.7967,
-22.2618

■ 151.5280, 2.2047,
-53.9601

■ 175.3360, 0.3274,
-11.6957

■ 145.1630, 2.3846,
-65.0410

■ 181.7010, 0.1474,
-0.6148

■ 139.2110, 2.8540,
-75.6070

■ 187.6530, -0.3219,
9.9513

■ 133.2590, 3.3233,
-86.1731

■ 193.6050, -0.7913,
20.5174

■ 127.3070, 3.7926,
-96.7392

■ 199.5570, -1.2606,
31.0835

■ 121.6540, 4.1146,
-106.6906

■ 205.5090, -1.7299,
41.6496

■ 206.7910, 0.5960,
42.2793

■ 207.3610, 2.7800,
41.7794

Harmonies

Analogous

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



165.4850, -9.1131, -17.0883



163.4320, 1.2660, -32.8279



162.4230, 11.6235, -41.5900

Triad

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



163.4320, 1.2660, -32.8279



172.1580, 17.1771, -2.7696



172.3490, -15.9481, 28.6349

Complementary

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



163.4320, 1.2660, -32.8279



144.5680, -1.2660, 32.8279

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.



173.3310, -8.5442, 33.9127



163.4320, 1.2660, -32.8279



174.3300, 9.6973, 16.3736

Square

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



163.4320, 1.2660, -32.8279



168.5360, 20.4418, -23.2721



174.4150, 0.7814, 29.4540



170.4740, -18.9677, 17.1243

Rectangle

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



163.4320, 1.2660, -32.8279



163.2150, 17.1490, -40.5306



174.4150, 0.7814, 29.4540



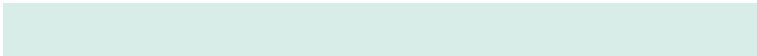
172.8270, -14.2117, 31.7237

Sweetspot

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



163.4320, 1.2660, -32.8279



230.0370, 0.4748, -12.3104



163.9550, -18.7118, -18.3775



115.6570, 0.1691, -7.5922



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



163.4320, 1.2660, -32.8279



207.8380, 2.0519, -51.6009



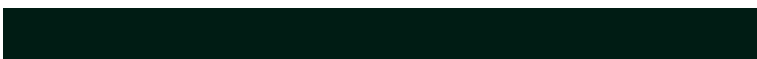
158.7990, 11.4381, -28.7647



88.9670, 0.0163, -5.2331



104.2260, 3.3396, -91.4062



18.7160, 0.6330, -16.4139

Inverse Universe

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



144.5680, -1.2660, 32.8279



178.1620, -2.0519, 51.6009



149.2010, -11.4381, 28.7647



85.9190, -0.4531, 5.3330



51.6600, -3.7764, 91.5062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 163.4320, 1.2660, -32.8279 looks on a white background.

Color Contrast Check

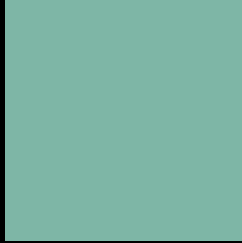
Large Text (above 18pt) WCAG AA × Fail

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 163.4320, 1.2660, -32.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

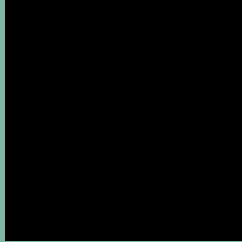
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.4320, 1.2660, -32.8279

Background



This preview shows how black text looks on a background with the YUV color 163.4320, 1.2660, -32.8279.



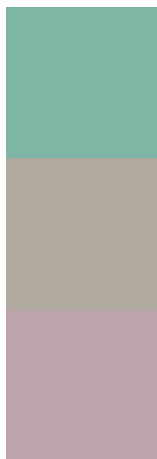
This preview shows how white text looks on a background with the YUV color 163.4320, 1.2660,

-32.8279.

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

163.4320, 1.2660, -32.8279

Protanopia

170.5400, -5.6892, 4.7884

Deuteranopia

172.1480, -1.0590, 13.0252



Tritanopia

165.8420, 12.8959, -29.6794

Trichromacy



Original Color

163.4320, 1.2660, -32.8279

Protanomaly

167.8480, -2.8831, -8.6367

Deuteranomaly

168.9780, 0.0108, -3.4887

Tritanomaly

164.8050, 8.9701, -30.5240

Monochromacy



Original Color

163.4320, 1.2660, -32.8279

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.3360, 0.3274, -11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4320, 1.2660, -32.8279 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(126, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(126, 182, 166)  
}
```

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(126, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 182, 166) }
```

Border

The CSS property to change the border of an element to YUV 163.4320, 1.2660, -32.8279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

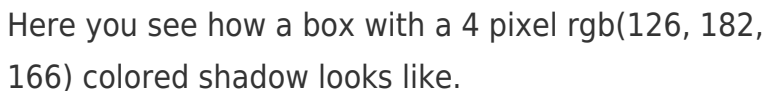
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 182, 166) }
```


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

```
.border{ border-color:rgb(126, 182, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(126, 182,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 163.4320, 1.2660, -32.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 182, 166) }
```

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

```
.background{ background-color: rgb(126,  
182, 166) }
```

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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