

Converting Colors

YUV(162.9420, 4.4656,
-32.3981)

Have a look what the booklet for
YUV(162.9420, 4.4656, -32.3981)
contains.

YUV(162.9420, 4.4656, -32.3981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.9420, 4.4656,
-32.3981)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB4AC
RGB	126, 180, 172
RGB Percent	49%, 71%, 67%
CMY	0.5059, 0.2941, 0.3255
CMYK	0.30, 0.00, 0.04, 0.29
HSL	171°, 26%, 60%
HSV	171°, 30%, 71%
XYZ	32.3718, 40.0567, 45.0553
YIQ	162.9420, -29.6160, -13.9360

Conversions

Conversions Part 2

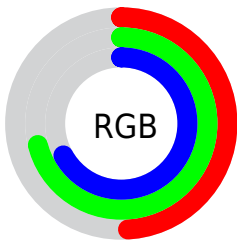
Format	Color
R_{YB}	126, 155, 180
Decimal	8303788
CIE _{Lab}	69.51, -19.40, -1.61
CIE _{LCh}	70, 19.466, 184.731
Yxy	40.0567, 0.2755, 0.3410
Android (android.graphics.Color)	4286493868 (0xFF7EB4AC)
YUV	162.9420, 4.4656, -32.3981
Hunter-Lab	63.2904, -19.4587, 2.0958

Details

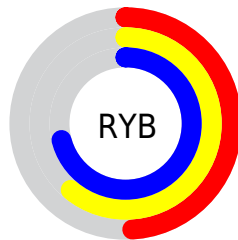
The YUV color **162.9420, 4.4656, -32.3981** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **143.0580, -4.4656, 32.3981**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2300, 4.3236, -33.5277**, and **110.3550, 4.7550, -31.8833** is the 20% darker color. If you saturate the color by 10%, you get **157.2180, 5.8085, -43.1642**, and if you desaturate by 10%, it is **168.6660, 3.1227, -21.6321**.

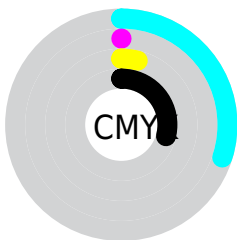
Distribution



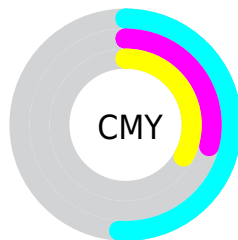
- Red (49%)
- Green (71%)
- Blue (67%)



- Red (49%)
- Yellow (61%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9420, 4.4656, -32.3981 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 162.9420, 4.4656, -32.3981 by changing the saturation by 10% instead.

■ 162.9420, 4.4656,
-32.3981

■ 162.9420, 4.4656,
-32.3981

255.0000, 0.0000,
0.0000

■ 136.2410, 4.3182,
-31.7834

■ 218.2300, 4.3236,
-33.5277

■ 110.3550, 4.7550,
-31.8833

■ 240.9470, 6.9281,
-28.8945

■ 85.3550, 4.7550,
-31.8833

■ 249.6180, 2.6533,
-11.0660

■ 60.7570, 5.0498,
-33.1129

■ 37.8710, 5.4866,
-33.2129

■ 22.5630, 2.6804,
-19.7878

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 162.9420, 4.4656,
-32.3981

■ 162.9420, 4.4656,
-32.3981

■ 157.2180, 5.8085,
-43.1642

■ 168.6660, 3.1227,
-21.6321

■ 151.6080, 7.5883,
-54.0302

■ 174.2760, 1.3429,
-10.7661

■ 145.8840, 8.9312,
-64.7963

■ 180.0000, 0.0000,
0.0000

■ 140.1600, 10.2741,
-75.5623

■ 185.7240, -1.3429,
10.7661

■ 134.5500, 12.0539,
-86.4283

■ 191.3340, -3.1227,
21.6321

■ 128.8260, 13.3968,
-97.1944

■ 197.0580, -4.4656,
32.3981

■ 123.1020, 14.7397,
-107.9605

■ 202.7820, -5.8085,
43.1642

■ 203.9070, -5.3772,
44.8086

■ 204.2490, -4.0668,
44.5086

Harmonies

Analogous

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



164.7880, -5.3185, -20.8621



162.9420, 4.4656, -32.3981



163.0970, 12.7702, -36.0421

Triad

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



162.9420, 4.4656, -32.3981



171.5780, 13.5190, 3.8781



170.6040, -16.0738, 22.2723

Complementary

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



162.9420, 4.4656, -32.3981



143.0580, -4.4656, 32.3981

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.



171.7280, -10.7119, 29.1795



162.9420, 4.4656, -32.3981



172.7280, 6.0501, 19.5325

Square

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



162.9420, 4.4656, -32.3981



168.9070, 17.7938, -13.9504



172.6060, -2.2708, 28.4095



168.7120, -16.6200, 10.7766

Rectangle

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



162.9420, 4.4656, -32.3981



164.4440, 16.5431, -32.8384



172.6060, -2.2708, 28.4095



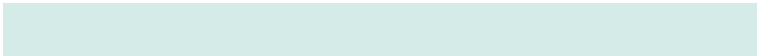
171.0820, -14.3374, 25.3611

Sweetspot

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



162.9420, 4.4656, -32.3981



227.9660, 1.4958, -13.1252



160.0900, -16.8064, -22.8809



112.8850, 1.0427, -7.7921



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



162.9420, 4.4656, -32.3981



208.1030, 6.8512, -50.9563



152.7010, 13.4584, -23.4168



86.1950, 0.8899, -5.4330



104.6310, 12.5069, -91.7614



17.7700, 2.0854, -15.5843

Inverse Universe

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



143.0580, -4.4656, 32.3981



176.8970, -6.8512, 50.9563



153.2990, -13.4584, 23.4168



82.9190, -0.4531, 5.3330



48.3690, -12.5069, 91.7614



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 162.9420, 4.4656, -32.3981 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 162.9420, 4.4656, -32.3981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

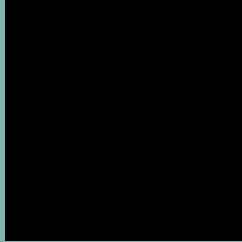
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

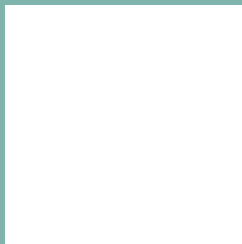
Any Text WCAG AAA ✓ Pass

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

YUV 162.9420, 4.4656, -32.3981 Background



This preview shows how black text looks on a background with the YUV color 162.9420, 4.4656, -32.3981.



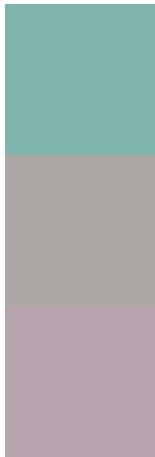
This preview shows how white text looks on a background with the YUV color 162.9420, 4.4656,

-32.3981.

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

162.9420, 4.4656, -32.3981

Protanopia

169.1530, -2.0474, 3.3738

Deuteranopia

170.9350, 2.0040, 10.5810



Tritanopia

164.5430, 13.0433, -30.2942

Trichromacy



Original Color

162.9420, 4.4656, -32.3981

Protanomaly

166.7600, 0.6113, -9.4365

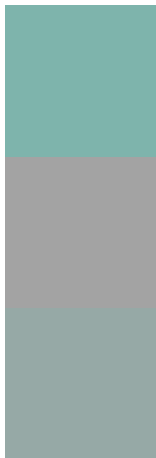
Deuteranomaly

168.0640, 2.9264, -5.3181

Tritanomaly

164.0330, 9.8437, -30.7239

Monochromacy



Original Color

162.9420, 4.4656, -32.3981

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9770, 1.4903, -11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9420, 4.4656, -32.3981 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, 180, 172)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 172)  
}
```

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, 180, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 172) }
```

Border

The CSS property to change the border of an element to YUV 162.9420, 4.4656, -32.3981 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, 180, 172) }
```


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

```
.border{ border-color:rgb(126, 180, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 180, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 172);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 162.9420, 4.4656, -32.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 172) }
```

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

```
.background{ background-color: rgb(126,  
180, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor