

Converting Colors

YUV(164.9460, 8.4076,
-36.7866)

Have a look what the booklet for
YUV(164.9460, 8.4076, -36.7866)
contains.

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Color

**YUV(164.9460, 8.4076,
-36.7866)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB7B6
RGB	123, 183, 182
RGB Percent	48%, 72%, 71%
CMY	0.5176, 0.2824, 0.2863
CMYK	0.33, 0.00, 0.01, 0.28
HSL	179°, 29%, 60%
HSV	179°, 33%, 72%
XYZ	33.5454, 41.4553, 50.4896
YIQ	164.9460, -35.4390, -13.0310

Conversions

Conversions Part 2

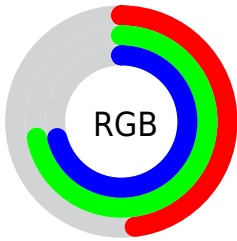
Format	Color
R_{YB}	123, 153, 183
Decimal	8107958
CIE _{Lab}	70.49, -19.47, -5.68
CIE _{LCh}	70, 20.281, 196.250
Yxy	41.4553, 0.2673, 0.3303
Android (android.graphics.Color)	4286298038 (0xFF7BB7B6)
YUV	164.9460, 8.4076, -36.7866
Hunter-Lab	64.3858, -19.6757, -1.4236

Details

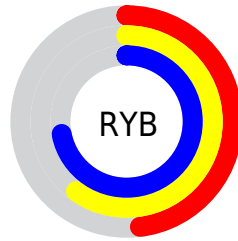
The YUV color **164.9460, 8.4076, -36.7866** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **141.0540, -8.4076, 36.7866**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6470, 8.5550, -37.4014**, and **111.9460, 8.4076, -36.7866** is the 20% darker color. If you saturate the color by 10%, you get **159.5640, 11.0609, -47.8526**, and if you desaturate by 10%, it is **170.3280, 5.7543, -25.7207**.

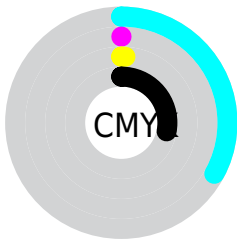
Distribution



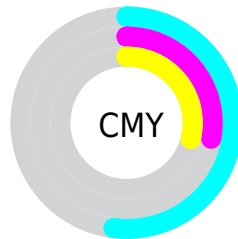
- Red (48%)
- Green (72%)
- Blue (71%)



- Red (48%)
- Yellow (60%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9460, 8.4076, -36.7866 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 164.9460, 8.4076, -36.7866 by changing the saturation by 10% instead.

■ 164.9460, 8.4076,
-36.7866

■ 164.9460, 8.4076,
-36.7866

255.0000, 0.0000,
0.0000

■ 138.2450, 8.2602,
-36.1719

■ 220.6470, 8.5550,
-37.4014

■ 111.9460, 8.4076,
-36.7866

■ 240.3490, 7.2229,
-30.1241

■ 86.6470, 8.5550,
-37.4014

■ 249.0200, 2.9481,
-12.2955

■ 59.9670, 9.8763,
-41.1901

■ 39.9570, 8.4022,
-35.0423

■ 24.6490, 5.5960,
-21.6172

■ 4.0580, 5.3944,

-3.5589

■ 0.0000, 0.0000,
0.0000

■ 164.9460, 8.4076,
-36.7866

■ 164.9460, 8.4076,
-36.7866

■ 159.5640, 11.0609,
-47.8526

■ 170.3280, 5.7543,
-25.7207

■ 153.7690, 13.4249,
-59.4334

■ 176.1230, 3.3904,
-14.1399

■ 148.3870, 16.0782,
-70.4994

■ 181.5050, 0.7370,
-3.0739

■ 143.0050, 18.7315,
-81.5654

■ 186.8870, -1.9163,
7.9921

■ 137.5090, 20.9481,
-92.5314

■ 192.6820, -4.2802,
19.5729

■ 131.8280, 23.7488,
-104.2122

■ 198.0640, -6.9336,
30.6389

■ 127.9410, 25.6651,
-112.2043

■ 203.4460, -9.5869,
41.7049

■ 204.6420,
-10.1765, 44.1640

■ 204.7560, -9.7397,
44.0640

Harmonies

Analogous

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



165.7810, -1.3710, -26.9949



164.9460, 8.4076, -36.7866



165.8950, 15.8278, -36.7419

Triad

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



164.9460, 8.4076, -36.7866



175.0520, 11.3134, 11.3554



172.5390, -17.5207, 19.6983

Complementary

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



164.9460, 8.4076, -36.7866



141.0540, -8.4076, 36.7866

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.



174.3320, -13.4747, 28.6498



164.9460, 8.4076, -36.7866



175.6640, 3.1236, 24.8507

Square

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



164.9460, 8.4076, -36.7866



173.1250, 17.1934, -8.0026



175.5910, -6.2074, 31.0537



170.3800, -16.4563, 4.9287

Rectangle

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



164.9460, 8.4076, -36.7866



168.0360, 18.7163, -29.8496



175.5910, -6.2074, 31.0537



173.0880, -16.8054, 23.6018

Sweetspot

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



164.9460, 8.4076, -36.7866



229.8240, 3.5378, -14.7546



158.5190, -17.5109, -30.2732



115.5150, 2.2111, -9.2217



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.



164.9460, 8.4076, -36.7866



209.3780, 13.1246, -56.4595



148.0370, 17.2368, -21.9574



89.3090, 1.3267, -5.5330



109.0140, 21.6851, -95.6053



19.6280, 4.1274, -17.2138

Inverse Universe

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



141.0540, -8.4076, 36.7866



172.6220, -13.1246, 56.4595



157.9630, -17.2368, 21.9574



85.6910, -1.3267, 5.5330



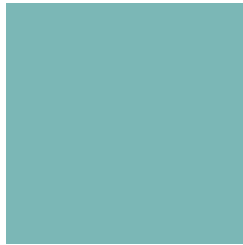
46.9860, -21.6851, 95.6053



8.3720, -4.1274, 17.2138

Previews

White Background



This preview shows how the YUV color 164.9460, 8.4076, -36.7866 looks on a white background.

Color Contrast Check

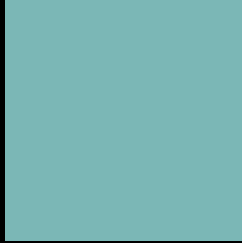
Large Text (above 18pt) WCAG AA × Fail

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 164.9460, 8.4076, -36.7866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

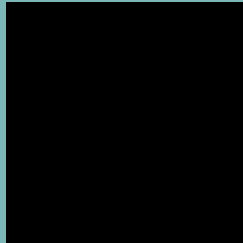
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.9460, 8.4076, -36.7866

Background



This preview shows how black text looks on a background with the YUV color 164.9460, 8.4076, -36.7866.



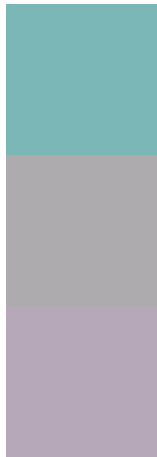
This preview shows how white text looks on a background with the YUV color 164.9460, 8.4076,

-36.7866.

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

164.9460, 8.4076, -36.7866

Protanopia

172.3530, 1.3050, 1.4444

Deuteranopia

173.5370, 5.6513, 7.4221



Tritanopia

166.1510, 14.2226, -35.2124

Trichromacy



Original Color

164.9460, 8.4076, -36.7866

Protanomaly

169.3620, 4.2585, -12.5955

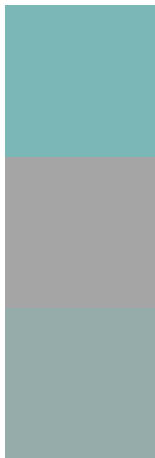
Deuteranomaly

170.6660, 6.5737, -8.4771

Tritanomaly

165.8690, 11.8966, -35.8421

Monochromacy



Original Color

164.9460, 8.4076, -36.7866

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3080, 2.8062, -13.4251

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9460, 8.4076, -36.7866 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(123, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(123, 183, 182)  
}
```

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(123, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 183, 182) }
```

Border

The CSS property to change the border of an element to YUV 164.9460, 8.4076, -36.7866 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(123, 183, 182) }
```


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

```
.border{ border-color:rgb(123, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(123, 183,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 164.9460, 8.4076, -36.7866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 183, 182) }
```

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

```
.background{ background-color: rgb(123,  
183, 182) }
```

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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