

Converting Colors

YUV(170.7860, 1.0915,
-23.4913)

Have a look what the booklet for
YUV(170.7860, 1.0915, -23.4913)
contains.

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Color

**YUV(170.7860, 1.0915,
-23.4913)**

Conversions

Conversions Part 1	
Format	Color
Hex	90B8AD
RGB	144, 184, 173
RGB Percent	56%, 72%, 68%
CMY	0.4353, 0.2784, 0.3216
CMYK	0.22, 0.00, 0.06, 0.28
HSL	164°, 22%, 64%
HSV	164°, 22%, 72%
XYZ	36.1849, 43.2274, 45.9717
YIQ	170.7860, -20.3090, -11.9010

Conversions

Conversions Part 2

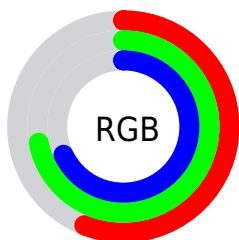
Format	Color
RYB	144, 167, 184
Decimal	9484461
CIELab	71.71, -15.67, 1.18
CIELCh	72, 15.719, 175.686
Yxy	43.2274, 0.2886, 0.3448
Android (android.graphics.Color)	4287674541 (0xFF90B8AD)
YUV	170.7860, 1.0915, -23.4913
Hunter-Lab	65.7475, -16.8187, 4.5668

Details

The YUV color $170.7860, 1.0915, -23.4913$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $157.2140, -1.0915, 23.4913$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.0740, 0.9495, -24.6209$, and $118.4980, 1.2335, -22.3617$ is the 20% darker color. If you saturate the color by 10%, you get $164.8340, 1.5608, -34.0574$, and if you desaturate by 10%, it is $176.7380, 0.6222, -12.9252$.

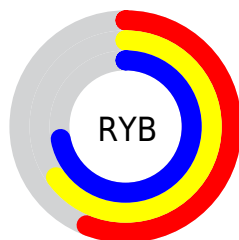
Distribution



Red (56%)

Green (72%)

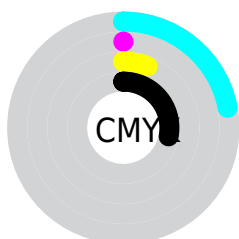
Blue (68%)



Red (56%)

Yellow (65%)

Blue (72%)

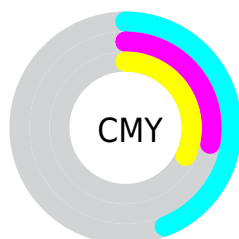


Cyan (22%)

Magenta (0%)

Yellow (6%)

Black (28%)



Cyan (44%)

Magenta (28%)


Yellow (32%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 170.7860, 1.0915, -23.4913 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 170.7860, 1.0915, -23.4913 by changing the saturation by 10% instead.


 170.7860, 1.0915,
-23.4913

 170.7860, 1.0915,
-23.4913

255.0000, 0.0000,
0.0000


 144.0850, 0.9441,
-22.8765


 226.0740, 0.9495,
-24.6209


 118.4980, 1.2335,
-22.3617

 246.6280, 4.1274,
-17.2138

 93.4980, 1.2335,
-22.3617

 69.2100, 1.3755,
-21.2322

 46.0250, 1.9597,
-21.9469

 24.4380, 2.2491,
-21.4321

 7.3860, -2.1623,

-6.4775

0.0000, 0.0000,
0.0000

170.7860, 1.0915,
-23.4913

170.7860, 1.0915,
-23.4913

164.8340, 1.5608,
-34.0574

176.7380, 0.6222,
-12.9252

158.5830, 2.1776,
-45.2383

182.9890, 0.0054,
-1.7444

152.6310, 2.6469,
-55.8044

188.9410, -0.4639,
8.8217

146.3800, 3.2637,
-66.9853

195.1920, -1.0807,
20.0026

140.4280, 3.7330,
-77.5514

201.1440, -1.5500,
30.5687

■ 134.4760, 4.2023,
-88.1175

■ 207.0960, -2.0193,
41.1348

■ 128.2250, 4.8191,
-99.2983

■ 207.9650, 0.0173,
41.2497

■ 123.1700, 4.8462,
-108.0201

■ 208.5350, 2.2012,
40.7498

■ 209.2190, 4.8220,
40.1499

Harmonies

Analogous

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



171.9030, -6.3612, -13.0699



170.7860, 1.0915, -23.4913



170.7020, 8.5279, -28.6797

Triad

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



170.7860, 1.0915, -23.4913



177.0890, 11.7881, -0.9551



176.7440, -11.7058, 21.2725

Complementary

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



170.7860, 1.0915, -23.4913



157.2140, -1.0915, 23.4913

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.



177.7320, -6.7699, 24.7910



170.7860, 1.0915, -23.4913



178.2110, 6.7980, 12.9700

Square

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



170.7860, 1.0915, -23.4913



174.6850, 14.4523, -15.5097



178.4310, -0.2125, 21.5470



175.4070, -14.0047, 11.9211

Rectangle

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



170.7860, 1.0915, -23.4913



171.6250, 12.0169, -27.7351



178.4310, -0.2125, 21.5470



177.0970, -10.4008, 22.7169

Sweetspot

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



170.7860, 1.0915, -23.4913



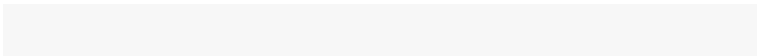
234.3470, 0.3219, -9.9513



170.7690, -13.1971, -13.8294



116.6680, 0.1637, -5.8478



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.



170.7860, 1.0915, -23.4913



219.2250, 1.8611, -37.0313



166.7570, 8.5008, -19.9579



88.9670, 0.0163, -5.2331



104.4540, 4.2132, -91.6062



18.7160, 0.6330, -16.4139

Inverse Universe

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



157.2140, -1.0915, 23.4913



197.8890, -1.4243, 36.9313



161.2430, -8.5008, 19.9579



85.9190, -0.4531, 5.3330



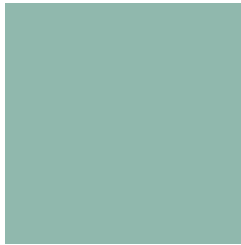
51.5460, -4.2132, 91.6062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 170.7860, 1.0915, -23.4913 looks on a white background.

Color Contrast Check

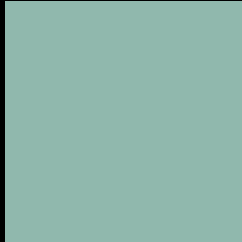
Large Text (above 18pt) WCAG AA × Fail

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 170.7860, 1.0915, -23.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

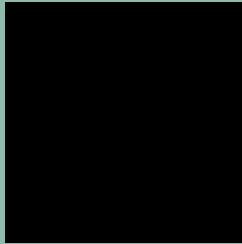
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.7860, 1.0915, -23.4913

Background



This preview shows how black text looks on a background with the YUV color 170.7860, 1.0915, -23.4913.

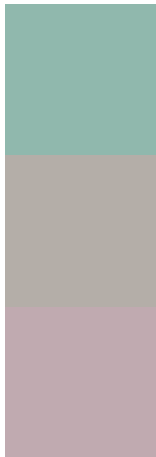


This preview shows how white text looks on a background with the YUV color 170.7860, 1.0915, -23.4913.

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

170.7860, 1.0915, -23.4913

Protanopia

175.1100, -3.5052, 4.2885

Deuteranopia

177.2620, -0.6222, 12.9252




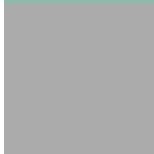
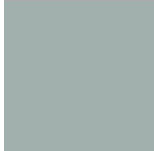
Tritanopia

172.7290, 10.9796, -21.6873

Trichromacy

	Original Color 170.7860, 1.0915, -23.4913
	Protanomaly 173.7990, -1.8729, -5.9627
	Deuteranomaly 175.0000, 0.0000, 0.0000
	Tritanomaly 172.1050, 7.3432, -22.0171

Monochromacy

	Original Color 170.7860, 1.0915, -23.4913
	Achromatopsia 171.0000, 0.0000, 0.0000
	Achromatomaly 171.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7860, 1.0915, -23.4913 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(144, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(144, 184, 173)  
}
```

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(144, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 184, 173) }
```

Border

The CSS property to change the border of an element to YUV 170.7860, 1.0915, -23.4913 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(144, 184, 173) }
```


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

```
.border{ border-color:rgb(144, 184, 173) }
```

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

Here you see how a box with a 4 pixel rgb(144, 184, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(144, 184,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 170.7860, 1.0915, -23.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 184, 173) }
```

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

```
.background{ background-color: rgb(144,  
184, 173) }
```

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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