

Converting Colors

XYZ(55.7051, 64.9751, 70.7453)

Have a look what the booklet for
XYZ(55.7051, 64.9751, 70.7453)
contains.

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Color

**XYZ(55.7868, 65.0195,
70.5825)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>B4DBD2</code>
RGB	<code>180, 219, 210</code>
RGB Percent	<code>71%, 86%, 82%</code>
CMY	<code>0.2941, 0.1412, 0.1765</code>
CMYK	<code>0.18, 0.00, 0.04, 0.14</code>
HSL	<code>166°, 35%, 78%</code>
HSV	<code>166°, 18%, 86%</code>
XYZ	<code>55.7868, 65.0195, 70.5825</code>
YIQ	<code>206.3130, -20.3550, -11.0670</code>

Conversions

Conversions Part 2

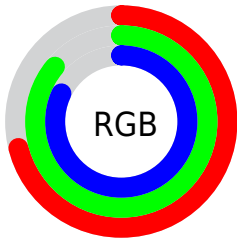
Format	Color
R _{YB}	180, 202, 219
Decimal	11852754
CIE _{Lab}	84.49, -14.53, 0.17
CIE _{LCh}	84, 14.530, 179.315
Yxy	65.0195, 0.2915, 0.3397
Android (android.graphics.Color)	4290042834 (0xFFB4DBD2)
YUV	206.3130, 1.8177, -23.0765
Hunter-Lab	80.6347, -17.6161, 4.5455

Details

The XYZ color **55.7868, 65.0195, 70.5825** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.7223, 51.3785, 55.1799**, and the grayscale version is **58.8663, 61.9319, 67.4439**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.0286, 33.4632, 36.4343** is the 20% darker color. If you saturate the color by 10%, you get **50.4662, 62.3500, 67.0985**, and if you desaturate by 10%, it is **61.9365, 68.1176, 74.2119**.

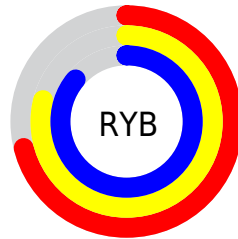
Distribution



Red (71%)

Green (86%)

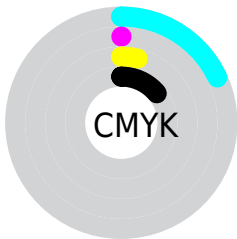
Blue (82%)



Red (71%)

Yellow (79%)

Blue (86%)

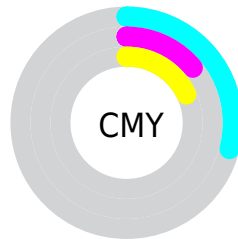


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7868, 65.0195, 70.5825 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 XYZ color 55.7868, 65.0195, 70.5825 by changing the saturation by 10% instead.

■ 55.7868, 65.0195,
70.5825

■ 55.7868, 65.0195,
70.5825

398.9756,
442.8620, 481.4369

■ 40.2683, 47.4769,
51.5218

■ 97.8344, 112.0779,
121.7280

■ 27.9330, 33.4128,
36.2445

125.0943,
142.3625, 154.6498

■ 18.4153, 22.4429,
24.3319

156.9986,
177.6631, 193.0292

■ 11.3501, 14.1827,
15.3655

193.9129,
218.3643, 237.2845

■ 6.3718, 8.2478,
8.9268

236.2023,
264.8504, 287.8344

■ 3.1153, 4.2539,
4.5973

284.2324,

■ 1.2150, 1.8166,

317.5058, 345.0974

1.9584

338.3683,
376.7149, 409.4921

■ 0.1182, 0.4975,
0.5295

■ 0.0000, 0.0000,
0.0000

■ 55.7868, 65.0195,
70.5825

■ 55.7868, 65.0195,
70.5825

■ 50.4662, 62.3500,
67.0985

■ 61.9365, 68.1176,
74.2119

■ 45.9313, 60.0816,
63.7528

■ 68.9453, 71.6545,
77.9850

■ 42.1431, 58.1957,
60.5441

■ 76.8483, 75.6501,
81.9056

■ 39.0567, 56.6695,
57.4692

■ 80.8870, 77.6511,
85.7521

■ 36.6226, 55.4774,
54.5248

■ 81.6083, 77.9397,
89.5508

■ 34.7847, 54.5903,
51.7074

■ 82.3505, 78.2365,
93.4589

■ 33.4768, 53.9744,
49.0128

■ 83.1136, 78.5418,
97.4773

■ 32.6068, 53.5820,
46.4356

■ 83.8978, 78.8555,
101.6068

■ 32.4427, 53.5094,
45.8851

■ 84.6227, 79.1454,
105.4242

Harmonies

Analogous

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



56.6036, 65.0195, 62.0895



55.7868, 65.0195, 70.5825



56.5336, 65.0195, 79.8785

Triad

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



55.7868, 65.0195, 70.5825



64.8943, 65.0195, 87.4883



65.0274, 65.0195, 56.5563

Complementary

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



55.7868, 65.0195, 70.5825



54.7223, 51.3785, 55.1799

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.



67.3818, 65.0195, 62.4280



55.7868, 65.0195, 70.5825



67.3031, 65.0195, 80.2788

Square

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



55.7868, 65.0195, 70.5825



61.7248, 65.0195, 90.1397



68.2285, 65.0195, 71.0083



61.8735, 65.0195, 54.4374

Rectangle

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



55.7868, 65.0195, 70.5825



57.8330, 65.0195, 85.1782



68.2285, 65.0195, 71.0083



65.9425, 65.0195, 58.1299

Sweetspot

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



55.7886, 65.0222, 70.5840



90.0435, 97.4734, 106.2112



54.5829, 64.7928, 52.8106



19.1278, 20.7901, 22.6536



0.0000, 0.0000, 0.0000



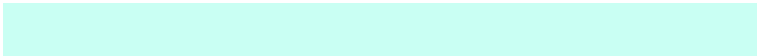
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7886, 65.0222, 70.5840



76.0917, 90.4492, 97.9564



54.3131, 60.2251, 75.7830



13.3096, 14.7755, 16.0932



19.2799, 31.7446, 27.4371



1.2810, 2.0694, 1.9458

Inverse Universe

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



54.7223, 51.3785, 55.1799



74.3452, 68.0888, 72.7159



55.9540, 55.3578, 50.9172



13.1786, 13.1005, 14.2016



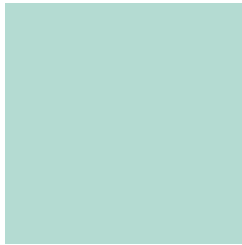
17.7056, 9.0833, 2.8299



1.1803, 0.6018, 0.3584

Previews

White Background



This preview shows how the XYZ color 55.7868, 65.0195, 70.5825 looks on a white background.

Color Contrast Check

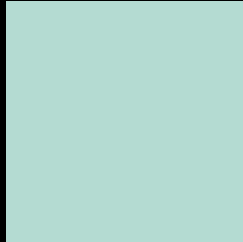
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.7868, 65.0195, 70.5825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

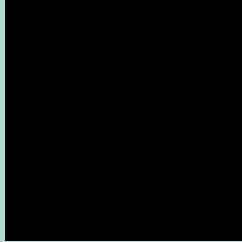
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

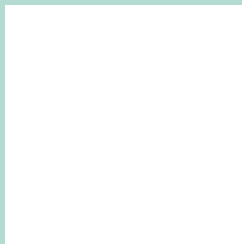
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7868, 65.0195, 70.5825

Background



This preview shows how black text looks on a background with the XYZ color 55.7868, 65.0195, 70.5825.



This preview shows how white text looks on a background with the XYZ color 55.7868, 65.0195,

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

55.7868, 65.0195, 70.5825

Protanopia

61.8442, 64.4558, 66.9393

Deuteranopia

65.9162, 64.6478, 71.9549



Tritanopia

59.0310, 65.1853, 86.5615

Trichromacy



Original Color

55.7868, 65.0195, 70.5825

Protanomaly

59.4139, 64.6501, 68.3787

Deuteranomaly

61.5481, 64.2033, 71.4359

Tritanomaly

57.9319, 65.1292, 80.7520

Monochromacy



Original Color

55.7868, 65.0195, 70.5825

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5827, 62.9638, 68.1498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7868, 65.0195, 70.5825 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(180, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(180, 219, 210)  
}
```

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(180, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 219, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.7868, 65.0195, 70.5825 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(180, 219, 210) }
```


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

```
.border{ border-color:rgb(180, 219, 210) }
```

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

Here you see how a box with a 4 pixel rgb(180, 219, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(180, 219,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7868, 65.0195, 70.5825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 219, 210) }
```

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

```
.background{ background-color: rgb(180,  
219, 210) }
```

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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