

Converting Colors

XYZ(50.9179, 62.7947, 62.6111)

Have a look what the booklet for
XYZ(50.9179, 62.7947, 62.6111)
contains.

XYZ(50.8344, 62.6328, 62.8362)	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

**XYZ(50.8344, 62.6328,
62.8362)**

Conversions

Conversions Part 1

Format	Color
Hex	A4DBC6
RGB	164, 219, 198
RGB Percent	64%, 86%, 78%
CMY	0.3569, 0.1412, 0.2235
CMYK	0.25, 0.00, 0.10, 0.14
HSL	157°, 43%, 75%
HSV	157°, 25%, 86%
XYZ	50.8344, 62.6328, 62.8362
YIQ	200.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

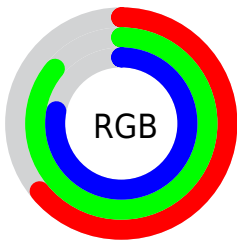
Format	Color
RYB	164, 198, 219
Decimal	10804166
CIELab	83.25, -21.94, 4.61
CIELCh	83, 22.415, 168.141
Yxy	62.6328, 0.2883, 0.3553
Android (android.graphics.Color)	4288994246 (0xFFA4DBC6)
YUV	200.1610, -1.0654, -31.7132
Hunter-Lab	79.1409, -23.8410, 8.3236

Details

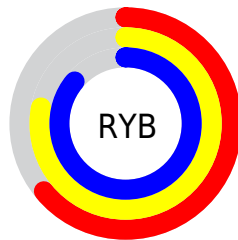
The XYZ color **50.8344, 62.6328, 62.8362** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2480, 45.1153, 51.9086**, and the grayscale version is **55.0182, 57.8834, 63.0350**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **24.8650, 31.9440, 31.2408** is the 20% darker color. If you saturate the color by 10%, you get **45.7603, 60.1271, 57.7025**, and if you desaturate by 10%, it is **56.7436, 65.5662, 68.2897**.

Distribution



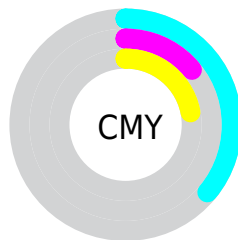
- Red (64%)
- Green (86%)
- Blue (78%)



- Red (64%)
- Yellow (78%)
- Blue (86%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (36%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8344, 62.6328, 62.8362 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 50.8344, 62.6328, 62.8362 by changing the saturation by 10% instead.


 50.8344, 62.6328,
62.8362


 50.8344, 62.6328,
62.8362


380.3183,
434.2356, 453.0664

 36.2973, 45.5442,
45.2686


 90.5944, 108.6396,
110.5165

 24.8351, 31.8863,
31.3245


 116.5480,
138.3266, 141.4662

 16.0823, 21.2747,
20.5856


147.0379,
172.9818, 177.7136

 9.6736, 13.3249,
12.6331

182.4294,
212.9897, 219.6774

 5.2437, 7.6527,
7.0487

223.0878,
258.7346, 267.7760

 2.4272, 3.8735,
3.4136

269.3785,

 0.8587, 1.6031,

310.6010, 322.4280

1.3095

321.6669,
368.9732, 384.0519

0.0000, 0.3597,
0.0696

0.0000, 0.0000,
0.0000

50.8344, 62.6328,
62.8362

50.8344, 62.6328,
62.8362

45.7603, 60.1271,
57.7025

56.7436, 65.5662,
68.2897

41.4752, 58.0204,
52.8780

63.5204, 68.9390,
74.0649

37.9367, 56.2926,
48.3575

71.2020, 72.7719,
80.1692

35.0958, 54.9186,
44.1340

79.8220, 77.0820,
86.6081

■ 32.8977, 53.8702,
40.2002

■ 82.2734, 78.2057,
93.0531

■ 31.2786, 53.1147,
36.5483

■ 83.5436, 78.7137,
99.7417

■ 30.1609, 52.6121,
33.1693

■ 84.6227, 79.1454,
105.4242

■ 29.7325, 52.4253,
31.6133

Harmonies

Analogous

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



52.8297, 62.6328, 51.8311



50.8344, 62.6328, 62.8362



51.0737, 62.6328, 76.8856

Triad

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



50.8344, 62.6328, 62.8362



62.4919, 62.6328, 96.9651



65.9957, 62.6328, 50.1207

Complementary

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



50.8344, 62.6328, 62.8362



51.2480, 45.1153, 51.9086

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.



68.8730, 62.6328, 60.1880



50.8344, 62.6328, 62.8362



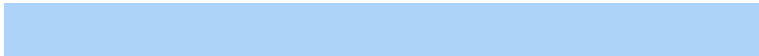
66.7755, 62.6328, 87.6881

Square

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



50.8344, 62.6328, 62.8362



57.6283, 62.6328, 97.9294



69.1660, 62.6328, 73.8532



61.4743, 62.6328, 45.1878

Rectangle

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



50.8344, 62.6328, 62.8362



52.4702, 62.6328, 86.1228



69.1660, 62.6328, 73.8532



67.1976, 62.6328, 52.9481

Sweetspot

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



50.8362, 62.6354, 62.8376



86.7100, 95.8425, 102.0953



52.0621, 63.6708, 44.6686



18.2436, 20.3570, 21.5859



0.0000, 0.0000, 0.0000



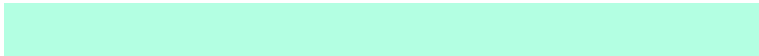
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8362, 62.6354, 62.8376



67.9335, 86.5236, 84.9197



51.7876, 60.3887, 75.9476



13.2232, 14.7409, 15.6381



17.6841, 31.1063, 19.0337



1.1872, 2.0318, 1.4518

Inverse Universe

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



51.2480, 45.1153, 51.9086



68.6098, 57.8400, 67.0367



50.3691, 46.6479, 41.4720



13.2608, 13.1334, 14.6344



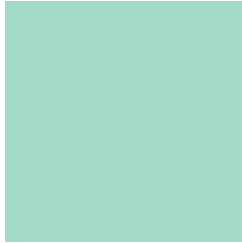
18.3118, 9.3258, 6.0221



1.2276, 0.6207, 0.6073

Previews

White Background



This preview shows how the XYZ color 50.8344, 62.6328, 62.8362 looks on a white background.

Color Contrast Check

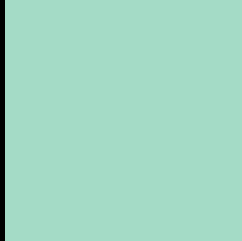
Large Text (above 18pt) WCAG AA × Fail

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 50.8344, 62.6328, 62.8362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

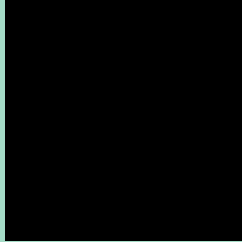
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

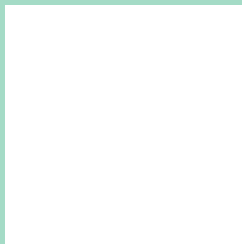
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8344, 62.6328, 62.8362

Background



This preview shows how black text looks on a background with the XYZ color 50.8344, 62.6328, 62.8362.

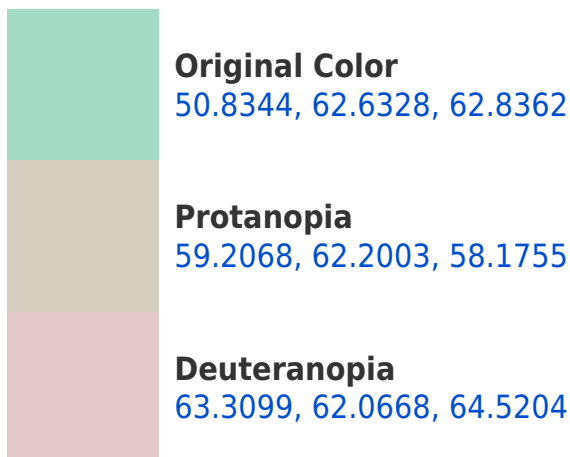


This preview shows how white text looks on a background with the XYZ color 50.8344, 62.6328,

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





Tritanopia

55.2650, 62.5206, 84.7562

Trichromacy



Original Color

50.8344, 62.6328, 62.8362

Protanomaly

55.7968, 62.2193, 60.1077

Deuteranomaly

58.0323, 61.8218, 64.1325

Tritanomaly

53.4905, 62.5510, 76.2721

Monochromacy



Original Color

50.8344, 62.6328, 62.8362

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.1151, 59.3140, 62.6821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8344, 62.6328, 62.8362 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(164, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(164, 219, 198)  
}
```

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(164, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 219, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.8344, 62.6328, 62.8362 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(164, 219, 198) }
```


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

```
.border{ border-color:rgb(164, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 219, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 219, 198); box-shadow:4px 4px 4px 4px rgb(164, 219, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8344, 62.6328, 62.8362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 219, 198) }
```

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

```
.background{ background-color: rgb(164,  
219, 198) }
```

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