

Converting Colors

XYZ(50.5097, 62.5771, 64.0065)

Have a look what the booklet for
XYZ(50.5097, 62.5771, 64.0065)
contains.

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Color

**XYZ(50.4548, 62.4102,
64.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	A1DBC8
RGB	161, 219, 200
RGB Percent	63%, 86%, 78%
CMY	0.3686, 0.1412, 0.2157
CMYK	0.26, 0.00, 0.09, 0.14
HSL	160°, 45%, 75%
HSV	160°, 26%, 86%
XYZ	50.4548, 62.4102, 64.0307
YIQ	199.4920, -28.4690, -18.2050

Conversions

Conversions Part 2

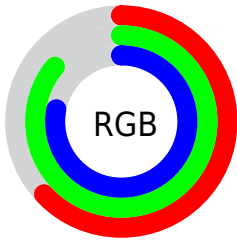
Format	Color
RYB	161, 196, 219
Decimal	10607560
CIELab	83.13, -22.44, 3.35
CIELCh	83, 22.691, 171.498
Yxy	62.4102, 0.2852, 0.3528
Android (android.graphics.Color)	4288797640 (0xFFA1DBC8)
YUV	199.4920, 0.2504, -33.7575
Hunter-Lab	79.0001, -24.2481, 7.2447

Details

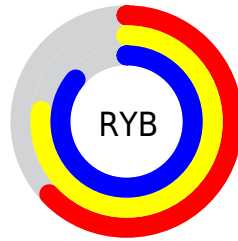
The XYZ color **50.4548, 62.4102, 64.0307** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1987, 43.8468, 49.0002**, and the grayscale version is **54.5999, 57.4434, 62.5558**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **24.6481, 31.8144, 32.0358** is the 20% darker color. If you saturate the color by 10%, you get **45.6034, 60.0055, 59.5294**, and if you desaturate by 10%, it is **56.1220, 65.2342, 68.7783**.

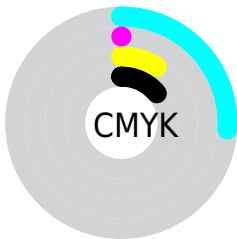
Distribution



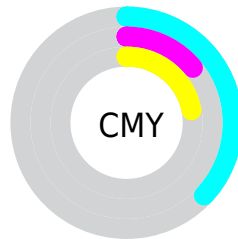
- Red (63%)
- Green (86%)
- Blue (78%)



- Red (63%)
- Yellow (77%)
- Blue (86%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)





- Cyan (37%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4548, 62.4102, 64.0307 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 50.4548, 62.4102, 64.0307 by changing the saturation by 10% instead.


 50.4548, 62.4102,
64.0307

 50.4548, 62.4102,
64.0307


378.8645,
433.4258, 457.5110

 35.9942, 45.3642,
46.2292


 90.0362, 108.3182,
112.2550

 24.5998, 31.7444,
32.0768


 115.8876,
137.9490, 143.5150

 15.9063, 21.1664,
21.1548


146.2667,
172.5435, 180.0981

 9.5483, 13.2457,
13.0449

181.5388,
212.4861, 222.4230

 5.1605, 7.5979,
7.3284

222.0693,
258.1613, 270.9082

 2.3774, 3.8388,
3.5867

268.2235,

 0.8338, 1.5838,

309.9533, 325.9722

1.4015

320.3668,
368.2467, 388.0337

■ 0.0000, 0.3466,
0.1429

■ 0.0000, 0.0000,
0.0000

■ 50.4548, 62.4102,
64.0307

■ 50.4548, 62.4102,
64.0307

■ 45.6034, 60.0055,
59.5294

■ 56.1220, 65.2342,
68.7783

■ 41.5218, 57.9915,
55.2655

■ 62.6378, 68.4894,
73.7725

■ 38.1671, 56.3478,
51.2354

■ 70.0392, 72.1966,
79.0190

■ 35.4902, 55.0492,
47.4340

■ 78.3598, 76.3728,
84.5220

■ 33.4355, 54.0670,
43.8556

■ 81.6950, 77.9742,
90.0078

■ 31.9381, 53.3679,
40.4943

■ 82.7581, 78.3994,
95.6058

■ 30.9160, 52.9097,
37.3430

■ 83.8635, 78.8416,
101.4269

■ 30.6190, 52.7798,
36.2821

■ 84.6226, 79.1452,
105.4242

Harmonies

Analogous

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



52.2264, 62.4102, 52.4591



50.4548, 62.4102, 64.0307



50.9534, 62.4102, 78.3630

Triad

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



50.4548, 62.4102, 64.0307



62.8501, 62.4102, 96.3751



65.3989, 62.4102, 48.8977

Complementary

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



50.4548, 62.4102, 64.0307



50.1987, 43.8468, 49.0002

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.



68.5536, 62.4102, 58.5103



50.4548, 62.4102, 64.0307



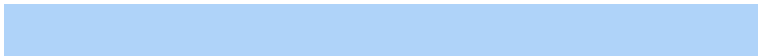
67.0264, 62.4102, 86.2342

Square

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



50.4548, 62.4102, 64.0307



57.9328, 62.4102, 98.3903



69.1650, 62.4102, 72.0346



60.7272, 62.4102, 44.5472

Rectangle

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



50.4548, 62.4102, 64.0307



52.5187, 62.4102, 87.5111



69.1650, 62.4102, 72.0346



66.6824, 62.4102, 51.5522

Sweetspot

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



50.4566, 62.4128, 64.0321



86.8815, 95.9111, 102.9982



50.6666, 62.9823, 43.2057



18.2869, 20.3743, 21.8138



0.0000, 0.0000, 0.0000



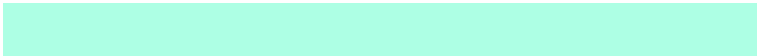
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4566, 62.4128, 64.0321



67.1228, 86.0661, 86.6674



50.3685, 58.4586, 75.6497



13.2540, 14.7532, 15.8005



18.2073, 31.3155, 21.7886



1.2186, 2.0444, 1.6172

Inverse Universe

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



50.1987, 43.8468, 49.0002



66.7014, 55.4772, 61.9182



50.1484, 46.6351, 40.0777



13.2311, 13.1215, 14.4780



18.0559, 9.2234, 4.6747



1.2087, 0.6131, 0.5080

Previews

White Background



This preview shows how the XYZ color 50.4548, 62.4102, 64.0307 looks on a white background.

Color Contrast Check

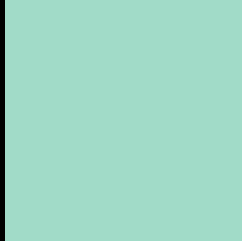
Large Text (above 18pt) WCAG AA × Fail

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 50.4548, 62.4102, 64.0307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

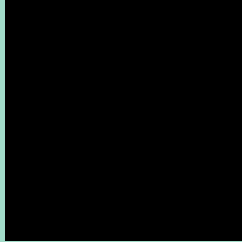
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4548, 62.4102, 64.0307

Background



This preview shows how black text looks on a background with the XYZ color 50.4548, 62.4102, 64.0307.

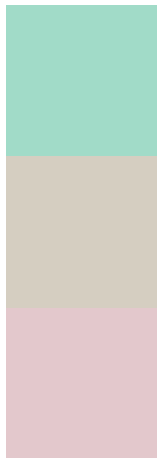


This preview shows how white text looks on a background with the XYZ color 50.4548, 62.4102,

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

50.4548, 62.4102, 64.0307

Protanopia

59.1375, 62.1390, 59.3292

Deuteranopia

63.2319, 61.9991, 65.7611



Tritanopia

54.5484, 62.1348, 85.4621

Trichromacy



Original Color

50.4548, 62.4102, 64.0307

Protanomaly

55.5062, 62.0434, 61.2746

Deuteranomaly

57.7209, 61.6340, 65.3542

Tritanomaly

52.9912, 62.2784, 76.9381

Monochromacy



Original Color

50.4548, 62.4102, 64.0307

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.3877, 58.5804, 62.5789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4548, 62.4102, 64.0307 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(161, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(161, 219, 200)  
}
```

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(161, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 219, 200) }
```

Border

The CSS property to change the border of an element to XYZ 50.4548, 62.4102, 64.0307 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(161, 219, 200) }
```


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

```
.border{ border-color:rgb(161, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(161, 219,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4548, 62.4102, 64.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 219, 200) }
```

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

```
.background{ background-color: rgb(161,  
219, 200) }
```

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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