

Converting Colors

XYZ(50.8852, 62.3373, 62.7783)

Have a look what the booklet for
XYZ(50.8852, 62.3373, 62.7783)
contains.

XYZ(50.7815, 62.2194, 62.7591)	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(50.7815, 62.2194,
62.7591)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DAC6
RGB	165, 218, 198
RGB Percent	65%, 85%, 78%
CMY	0.3529, 0.1451, 0.2235
CMYK	0.24, 0.00, 0.09, 0.15
HSL	157°, 42%, 75%
HSV	157°, 24%, 85%
XYZ	50.7815, 62.2194, 62.7591
YIQ	199.8730, -25.1680, -17.4560

Conversions

Conversions Part 2

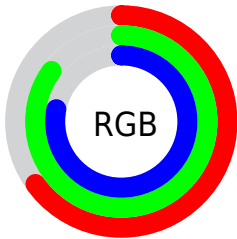
Format	Color
RYB	165, 198, 218
Decimal	10869446
CIELab	83.03, -21.13, 4.30
CIELCh	83, 21.566, 168.507
Yxy	62.2194, 0.2889, 0.3540
Android (android.graphics.Color)	4289059526 (0xFFA5DAC6)
YUV	199.8730, -0.9234, -30.5836
Hunter-Lab	78.8793, -23.1226, 8.0423

Details

The XYZ color **50.7815, 62.2194, 62.7591** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.1277, 45.3201, 51.9546**, and the grayscale version is **54.8396, 57.6955, 62.8304**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **24.8133, 31.6527, 31.1873** is the 20% darker color. If you saturate the color by 10%, you get **45.7048, 59.7106, 57.7023**, and if you desaturate by 10%, it is **56.6862, 65.1524, 68.1264**.

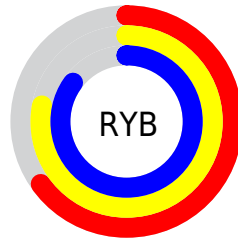
Distribution



Red (65%)

Green (85%)

Blue (78%)



Red (65%)

Yellow (78%)

Blue (85%)

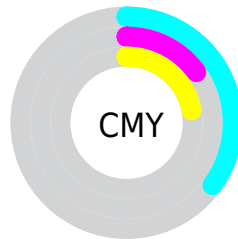


Cyan (24%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (35%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7815, 62.2194, 62.7591 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 50.7815, 62.2194, 62.7591 by changing the saturation by 10% instead.


 50.7815, 62.2194,
62.7591


 50.7815, 62.2194,
62.7591

380.1159,
432.7309, 452.7785

 36.2551, 45.2100,
45.2066


 90.5166, 108.0426,
110.4041

 24.8023, 31.6229,
31.2761


 116.4560,
137.6251, 141.3337

 16.0578, 21.0736,
20.5489


146.9305,
172.1675, 177.5594

 9.6561, 13.1778,
12.6067

182.3054,
212.0541, 219.4998

 5.2321, 7.5511,
7.0307

222.9460,
257.6694, 267.5733

 2.4202, 3.8091,
3.4026

269.2177,

 0.8552, 1.5673,

309.3977, 322.1986

1.3037

321.4859,
367.6234, 383.7942

0.0000, 0.3354,
0.0648

0.0000, 0.0000,
0.0000

50.7815, 62.2194,
62.7591

50.7815, 62.2194,
62.7591

45.7048, 59.7106,
57.7023

56.6862, 65.1524,
68.1264

41.4108, 57.5978,
52.9457

63.4508, 68.5210,
73.8060

37.8578, 55.8613,
48.4844

71.1120, 72.3456,
79.8048

34.9980, 54.4764,
44.3116

79.7025, 76.6432,
86.1284

■ 32.7777, 53.4156,
40.4204

■ 81.9130, 77.6453,
92.4385

■ 31.1347, 52.6470,
36.8030

■ 83.1576, 78.1432,
98.9923

■ 29.9937, 52.1318,
33.4513

■ 84.3626, 78.6251,
105.3375

■ 29.4974, 51.9151,
31.6582

Harmonies

Analogous

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



52.6745, 62.2194, 52.1221



50.7815, 62.2194, 62.7591



51.0384, 62.2194, 76.2260

Triad

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



50.7815, 62.2194, 62.7591



62.0288, 62.2194, 95.1221



65.2773, 62.2194, 50.2796

Complementary

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



50.7815, 62.2194, 62.7591



51.1277, 45.3201, 51.9546

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.



68.0515, 62.2194, 59.9201



50.7815, 62.2194, 62.7591



66.1091, 62.2194, 86.2172

Square

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



50.7815, 62.2194, 62.7591



57.3696, 62.2194, 96.1450



68.3636, 62.2194, 72.9911



60.9417, 62.2194, 45.5753

Rectangle

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



50.7815, 62.2194, 62.7591



52.3970, 62.2194, 85.0194



68.3636, 62.2194, 72.9911



66.4330, 62.2194, 52.9872

Sweetspot

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



50.7832, 62.2220, 62.7605



87.7194, 96.3440, 102.9944



51.9491, 63.2159, 45.0621



18.6466, 20.5574, 21.9383



0.0000, 0.0000, 0.0000



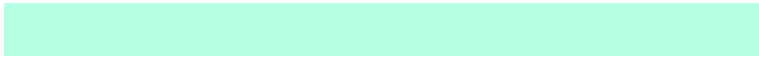
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7832, 62.2220, 62.7605



68.7056, 86.9009, 85.8917



51.6717, 60.0592, 75.2020



13.2257, 14.7419, 15.6514



17.7250, 31.1226, 19.2491



1.1897, 2.0328, 1.4649

Inverse Universe

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



51.1277, 45.3201, 51.9546



69.2775, 58.9295, 68.0178



50.3045, 46.8188, 41.9838



13.2583, 13.1324, 14.6215



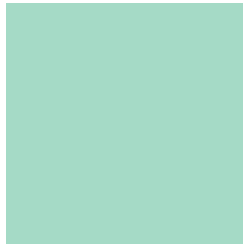
18.2891, 9.3167, 5.9025



1.2259, 0.6200, 0.5987

Previews

White Background



This preview shows how the XYZ color 50.7815, 62.2194, 62.7591 looks on a white background.

Color Contrast Check

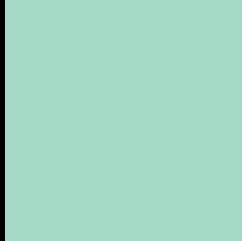
Large Text (above 18pt) WCAG AA × Fail

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 50.7815, 62.2194, 62.7591 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

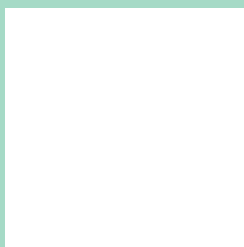
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7815, 62.2194, 62.7591

Background



This preview shows how black text looks on a background with the XYZ color 50.7815, 62.2194, 62.7591.

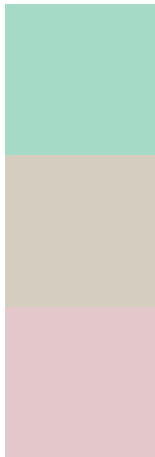


This preview shows how white text looks on a background with the XYZ color 50.7815, 62.2194,

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

50.7815, 62.2194, 62.7591

Protanopia

58.6759, 61.5704, 58.0819

Deuteranopia

63.0790, 61.6051, 64.4435



Tritanopia

54.8718, 61.9596, 83.9303

Trichromacy



Original Color

50.7815, 62.2194, 62.7591

Protanomaly

55.5491, 61.7240, 60.0251

Deuteranomaly

57.7908, 61.3388, 64.0520

Tritanomaly

53.3175, 62.0978, 75.5056

Monochromacy



Original Color

50.7815, 62.2194, 62.7591

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 50.7815, 62.2194, 62.7591 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(165, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(165, 218, 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(165, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 218, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.7815, 62.2194, 62.7591 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(165, 218, 198) }
```


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

```
.border{ border-color:rgb(165, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 218, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 218, 198); box-shadow:4px 4px 4px 4px rgb(165, 218, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7815, 62.2194, 62.7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 218, 198) }
```

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

```
.background{ background-color: rgb(165,  
218, 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](#).

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