

Converting Colors

XYZ(52.7711, 62.4417, 65.8958)

Have a look what the booklet for
XYZ(52.7711, 62.4417, 65.8958)
contains.

XYZ(52.7909, 62.4222, 65.7662)	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(52.7909, 62.4222,
65.7662)**

Conversions

Conversions Part 1

Format	Color
Hex	AED8CB
RGB	174, 216, 203
RGB Percent	68%, 85%, 80%
CMY	0.3176, 0.1529, 0.2039
CMYK	0.19, 0.00, 0.06, 0.15
HSL	161°, 35%, 76%
HSV	161°, 19%, 85%
XYZ	52.7909, 62.4222, 65.7662
YIQ	201.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

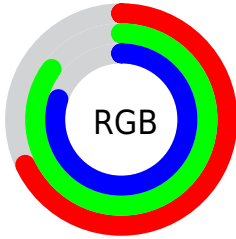
Format	Color
RYB	174, 199, 216
Decimal	11458763
CIELab	83.14, -16.31, 1.87
CIELCh	83, 16.421, 173.478
Yxy	62.4222, 0.2917, 0.3449
Android (android.graphics.Color)	4289648843 (0xFFAED8CB)
YUV	201.9600, 0.5127, -24.5209
Hunter-Lab	79.0077, -18.9945, 5.9523

Details

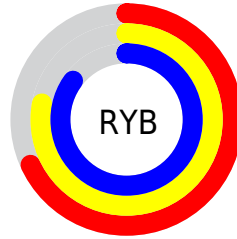
The XYZ color **52.7909, 62.4222, 65.7662** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4268, 48.4605, 53.6070**, and the grayscale version is **56.1217, 59.0444, 64.2994**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **26.0548, 31.7246, 33.1840** is the 20% darker color. If you saturate the color by 10%, you get **47.5808, 59.8281, 61.4527**, and if you desaturate by 10%, it is **58.8127, 65.4342, 70.2998**.

Distribution



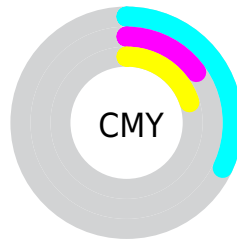
- Red (68%)
- Green (85%)
- Blue (80%)



- Red (68%)
- Yellow (78%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (32%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7909, 62.4222, 65.7662 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 52.7909, 62.4222, 65.7662 by changing the saturation by 10% instead.


 52.7909, 62.4222,
65.7662

 52.7909, 62.4222,
65.7662


387.7564,
433.4695, 463.9216

 37.8627, 45.3739,
47.6274


 93.4639, 108.3355,
114.7745

 26.0529, 31.7521,
33.1740


119.9395,
137.9693, 146.4810

 16.9961, 21.1722,
21.9876


150.9949,
172.5671, 183.5472

 10.3270, 13.2499,
13.6495

186.9954,
212.5133, 226.3916

 5.6802, 7.6009,
7.7414

228.3065,
258.1922, 275.4327

 2.6904, 3.8406,
3.8445

275.2934,

 0.9922, 1.5848,

309.9883, 331.0890

1.5404

328.3216,
368.2859, 393.7791

■ 0.0000, 0.3473,
0.2478

■ 0.0000, 0.0000,
0.0000

■ 52.7909, 62.4222,
65.7662

■ 52.7909, 62.4222,
65.7662

■ 47.5808, 59.8281,
61.4527

■ 58.8127, 65.4342,
70.2998

■ 43.1399, 57.6249,
57.3511

■ 65.6759, 68.8742,
75.0531

■ 39.4295, 55.7944,
53.4586

■ 73.4149, 72.7616,
80.0312

■ 36.4054, 54.3139,
49.7709

■ 80.0448, 76.0731,
85.1433

■ 34.0185, 53.1582,
46.2833

■ 81.0008, 76.4556,
90.1778

■ 32.2131, 52.2984,
42.9907

■ 81.9933, 76.8526,
95.4041

■ 30.9229, 51.7007,
39.8876

■ 83.0226, 77.2643,
100.8242

■ 30.0373, 51.3079,
36.9663

■ 83.8470, 77.5940,
105.1657

■ 29.9926, 51.2883,
36.8092

Harmonies

Analogous

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



54.0017, 62.4222, 56.9628



52.7909, 62.4222, 65.7662



53.2752, 62.4222, 76.0738

Triad

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



52.7909, 62.4222, 65.7662



62.0973, 62.4222, 87.5644



63.4949, 62.4222, 53.4090

Complementary

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



52.7909, 62.4222, 65.7662



52.4268, 48.4605, 53.6070

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.



65.8279, 62.4222, 60.4579



52.7909, 62.4222, 65.7662



64.9987, 62.4222, 80.3046

Square

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



52.7909, 62.4222, 65.7662



58.5569, 62.4222, 89.3463



66.3889, 62.4222, 70.2167



60.1108, 62.4222, 50.3034

Rectangle

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



52.7909, 62.4222, 65.7662



54.5042, 62.4222, 82.3565



66.3889, 62.4222, 70.2167



64.4335, 62.4222, 55.3598

Sweetspot

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



52.7927, 62.4248, 65.7676



88.8901, 96.9115, 104.6800



52.7648, 62.7731, 49.3808



18.8885, 20.6741, 22.3090



0.0000, 0.0000, 0.0000



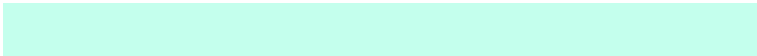
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7927, 62.4248, 65.7676



73.8793, 89.4080, 93.3645



52.4813, 59.2171, 73.6328



12.6209, 14.0394, 15.0840



17.8022, 30.3762, 22.0518



1.1101, 1.8467, 1.5215

Inverse Universe

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



52.4268, 48.4605, 53.6070



73.2614, 65.7789, 72.7933



52.6274, 50.9898, 47.1136



12.5800, 12.4835, 13.7285



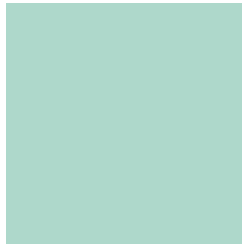
17.4020, 8.8971, 4.1551



1.0864, 0.5513, 0.4443

Previews

White Background



This preview shows how the XYZ color 52.7909, 62.4222, 65.7662 looks on a white background.

Color Contrast Check

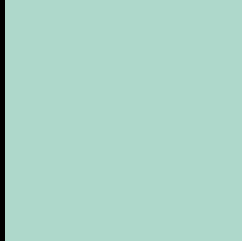
Large Text (above 18pt) WCAG AA × Fail

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 52.7909, 62.4222, 65.7662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

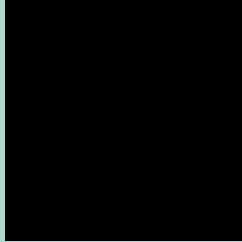
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

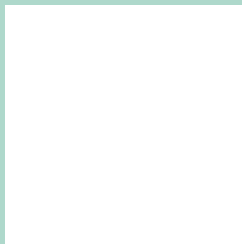
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7909, 62.4222, 65.7662

Background



This preview shows how black text looks on a background with the XYZ color 52.7909, 62.4222, 65.7662.



This preview shows how white text looks on a background with the XYZ color 52.7909, 62.4222,

65.7662.

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

52.7909, 62.4222, 65.7662

Protanopia

59.3007, 62.1709, 61.6980

Deuteranopia

63.1589, 61.9335, 67.0181



Tritanopia

56.2767, 62.3278, 83.1931

Trichromacy



Original Color

52.7909, 62.4222, 65.7662

Protanomaly

56.6441, 62.2225, 63.0575

Deuteranomaly

58.8229, 61.8158, 66.5889

Tritanomaly

54.8440, 62.1029, 76.8066

Monochromacy



Original Color

52.7909, 62.4222, 65.7662

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.7117, 60.0964, 64.5933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7909, 62.4222, 65.7662 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(174, 216, 203)` looks like.

```
.text, #text, p{  
    color:rgb(174, 216, 203)  
}
```

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(174, 216, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 216, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.7909, 62.4222, 65.7662 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(174, 216, 203) }
```


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

```
.border{ border-color:rgb(174, 216, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 216, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 216, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 216, 203);  
box-shadow:4px 4px 4px 4px rgb(174, 216,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7909, 62.4222, 65.7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 216, 203) }
```

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

```
.background{ background-color: rgb(174,  
216, 203) }
```

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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