

Converting Colors

XYZ(52.0590, 62.1657, 57.6948)

Have a look what the booklet for
XYZ(52.0590, 62.1657, 57.6948)
contains.

XYZ(52.2102, 62.2944, 57.9875)	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(52.2102, 62.2944,
57.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D8BE
RGB	178, 216, 190
RGB Percent	70%, 85%, 75%
CMY	0.3020, 0.1529, 0.2549
CMYK	0.18, 0.00, 0.12, 0.15
HSL	139°, 33%, 77%
HSV	139°, 18%, 85%
XYZ	52.2102, 62.2944, 57.9875
YIQ	201.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

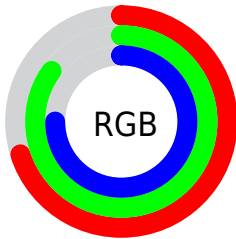
Format	Color
RYB	178, 207, 216
Decimal	11720894
CIELab	83.07, -17.54, 8.70
CIELCh	83, 19.573, 153.624
Yxy	62.2944, 0.3027, 0.3611
Android (android.graphics.Color)	4289910974 (0xFFB2D8BE)
YUV	201.6740, -5.7553, -20.7621
Hunter-Lab	78.9268, -20.0439, 11.6884

Details

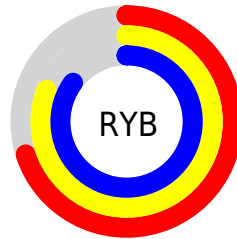
The XYZ color **52.2102, 62.2944, 57.9875** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.1405, 50.8008, 64.0287**, and the grayscale version is **55.9784, 58.8936, 64.1351**.

A 20% lighter version of the original color is **86.3262, 95.6662, 101.1043**, and **25.7177, 31.6559, 28.4216** is the 20% darker color. If you saturate the color by 10%, you get **46.1048, 59.3260, 49.6930**, and if you desaturate by 10%, it is **59.2633, 65.7359, 67.1841**.

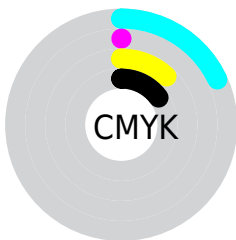
Distribution



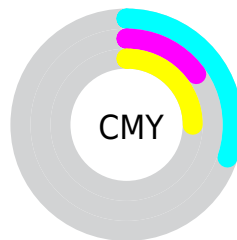
- Red (70%)
- Green (85%)
- Blue (75%)



- Red (70%)
- Yellow (81%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (30%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2102, 62.2944, 57.9875 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 52.2102, 62.2944, 57.9875 by changing the saturation by 10% instead.

■ 52.2102, 62.2944,
57.9875

■ 52.2102, 62.2944,
57.9875

385.5582,
433.0042, 434.7363

■ 37.3976, 45.2706,
41.3840

■ 92.6136, 108.1509,
103.4193

■ 25.6906, 31.6706,
28.2973

118.9350,
137.7524, 133.0846

■ 16.7238, 21.1101,
18.3089

149.8235,
172.3153, 167.9409

■ 10.1318, 13.2045,
11.0002

185.6443,
212.2240, 208.4067

■ 5.5494, 7.5695,
5.9528

226.7628,
257.8628, 254.9006

■ 2.6111, 3.8207,
2.7481

273.5444,

■ 0.9516, 1.5738,

309.6162, 307.8412

0.9675

326.3544,
367.8685, 367.6469

0.0000, 0.3398,
0.0000

0.0000, 0.0000,
0.0000

52.2102, 62.2944,
57.9875

52.2102, 62.2944,
57.9875

46.1048, 59.3260,
49.6930

59.2633, 65.7359,
67.1841

40.9006, 56.8020,
42.2693

67.2977, 69.6621,
77.3049

36.5550, 54.7029,
35.6889

76.3514, 74.0938,
88.3761

33.0196, 53.0044,
29.9219

82.9147, 77.2212,
100.2560

■ 30.2412, 51.6795,
24.9359

■ 83.8471, 77.5941,
105.1657

■ 28.1597, 50.6982,
20.6969

■ 26.7055, 50.0251,
17.1679

■ 25.7842, 49.6125,
14.3080

■ 25.6068, 49.5340,
13.7137

Harmonies

Analogous

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



54.8140, 62.2944, 50.2056



52.2102, 62.2944, 57.9875



51.4495, 62.2944, 69.3126

Triad

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



52.2102, 62.2944, 57.9875



59.7251, 62.2944, 93.8615



66.2505, 62.2944, 55.7182

Complementary

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



52.2102, 62.2944, 57.9875



55.1405, 50.8008, 64.0287

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.



67.7118, 62.2944, 66.3647



52.2102, 62.2944, 57.9875



63.8328, 62.2944, 89.1557

Square

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



52.2102, 62.2944, 57.9875



55.6651, 62.2944, 90.9360



66.8068, 62.2944, 78.7232



62.9001, 62.2944, 49.0092

Rectangle

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



52.2102, 62.2944, 57.9875



52.0584, 62.2944, 77.6078



66.8068, 62.2944, 78.7232



66.9860, 62.2944, 58.9064

Sweetspot

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



52.2119, 62.2970, 57.9889



89.1408, 97.1123, 101.4575



57.6607, 65.2514, 51.6759



18.9084, 20.7023, 21.4981



0.0000, 0.0000, 0.0000



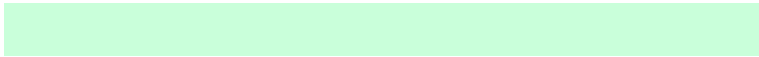
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2119, 62.2970, 57.9889



72.6706, 89.0808, 79.9409



54.3524, 63.1532, 69.2605



12.4224, 13.9599, 14.0386



15.1993, 29.3351, 8.3450



0.9538, 1.7842, 0.6986

Inverse Universe

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



55.1405, 50.8008, 64.0287



77.6776, 69.4218, 90.2642



53.0616, 49.9692, 53.0812



12.7784, 12.5628, 14.7731



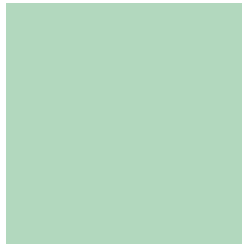
19.9669, 9.9231, 17.6618



1.2410, 0.6132, 1.2587

Previews

White Background



This preview shows how the XYZ color 52.2102, 62.2944, 57.9875 looks on a white background.

Color Contrast Check

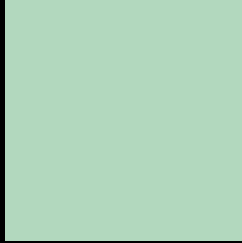
Large Text (above 18pt) WCAG AA × Fail

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 52.2102, 62.2944, 57.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

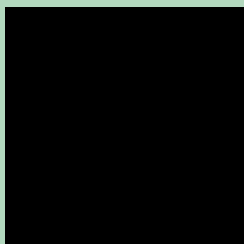
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

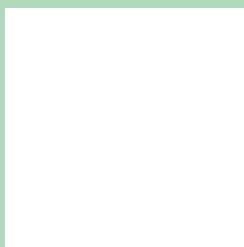
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2102, 62.2944, 57.9875

Background



This preview shows how black text looks on a background with the XYZ color 52.2102, 62.2944, 57.9875.

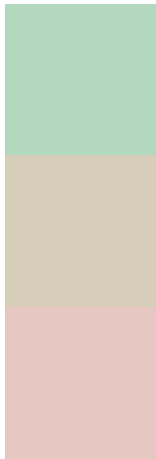


This preview shows how white text looks on a background with the XYZ color 52.2102, 62.2944,

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**

52.2102, 62.2944, 57.9875

Protanopia

58.8526, 62.0925, 54.7821

Deuteranopia

63.0041, 61.6860, 59.0380



Tritanopia

57.1670, 62.4489, 81.7139

Trichromacy



Original Color

52.2102, 62.2944, 57.9875

Protanomaly

56.3734, 62.2376, 56.0556

Deuteranomaly

58.4971, 61.4655, 58.6501

Tritanomaly

55.2233, 62.3886, 72.7500

Monochromacy



Original Color

52.2102, 62.2944, 57.9875

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.4982, 60.0403, 62.1427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2102, 62.2944, 57.9875 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(178, 216, 190)` looks like.

```
.text, #text, p{  
    color:rgb(178, 216, 190)  
}
```

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(178, 216, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 216, 190) }
```

Border

The CSS property to change the border of an element to XYZ 52.2102, 62.2944, 57.9875 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(178, 216, 190) }
```


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

```
.border{ border-color:rgb(178, 216, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 216, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 216, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 216, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 216,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2102, 62.2944, 57.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 216, 190) }
```

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

```
.background{ background-color: rgb(178,  
216, 190) }
```

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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