

Converting Colors

XYZ(55.0565, 62.7884, 61.7538)

Have a look what the booklet for
XYZ(55.0565, 62.7884, 61.7538)
contains.

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Color

**XYZ(55.1109, 62.9432,
62.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD6C5
RGB	189, 214, 197
RGB Percent	74%, 84%, 77%
CMY	0.2588, 0.1608, 0.2274
CMYK	0.12, 0.00, 0.08, 0.16
HSL	139°, 23%, 79%
HSV	139°, 12%, 84%
XYZ	55.1109, 62.9432, 62.0679
YIQ	204.5870, -9.4430, -10.5870

Conversions

Conversions Part 2

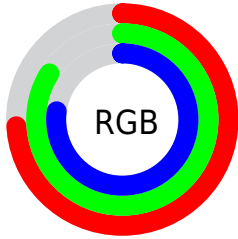
Format	Color
R_{YB}	189, 208, 214
Decimal	12441285
CIE _{Lab}	83.41, -11.57, 5.57
CIE _{LCh}	83, 12.837, 154.285
Yxy	62.9432, 0.3060, 0.3494
Android (android.graphics.Color)	4290631365 (0xFFBDD6C5)
YUV	204.5870, -3.7404, -13.6698
Hunter-Lab	79.3368, -14.8451, 9.1511

Details

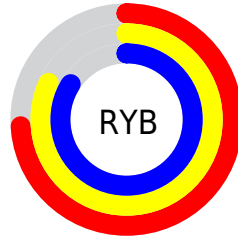
The XYZ color **55.1109, 62.9432, 62.0679** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0720, 55.1492, 66.0324**, and the grayscale version is **57.7948, 60.8046, 66.2163**.

A 20% lighter version of the original color is **91.3056, 98.0882, 107.8865**, and **27.5094, 32.0137, 30.7160** is the 20% darker color. If you saturate the color by 10%, you get **48.6013, 59.7726, 53.4750**, and if you desaturate by 10%, it is **62.5683, 66.5873, 71.5482**.

Distribution



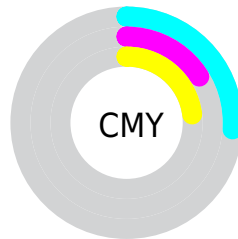
- Red (74%)
- Green (84%)
- Blue (77%)



- Red (74%)
- Yellow (82%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1109, 62.9432, 62.0679 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 55.1109, 62.9432, 62.0679 by changing the saturation by 10% instead.

■ 55.1109, 62.9432,
62.0679

■ 55.1109, 62.9432,
62.0679

396.4618,
435.3633, 450.1932

■ 39.7247, 45.7953,
44.6514

■ 96.8508, 109.0876,
109.3962

■ 27.5072, 32.0843,
30.8420

123.9352,
138.8528, 140.1451

■ 18.0931, 21.4259,
20.2211

155.6498,
173.5925, 176.1753

■ 11.1169, 13.4357,
12.3702

192.3598,
213.6912, 217.9052

■ 6.2134, 7.7292,
6.8707

234.4306,
259.5333, 265.7534

■ 3.0172, 3.9222,
3.3042

282.2277,

■ 1.1628, 1.6301,

311.5030, 320.1384

1.2520

336.1163,
369.9849, 381.4788

0.0767, 0.3778,
0.0219

0.0000, 0.0000,
0.0000

55.1109, 62.9432,
62.0679

55.1109, 62.9432,
62.0679

48.6013, 59.7726,
53.4750

62.5683, 66.5873,
71.5482

42.9957, 57.0482,
45.7399

71.0047, 70.7153,
81.9362

38.2541, 54.7517,
38.8373

80.4563, 75.3470,
93.2568

34.3320, 52.8607,
32.7389

83.3378, 76.5756,
104.9959

■ 31.1804, 51.3506,
27.4153

■ 28.7448, 50.1939,
22.8347

■ 26.9635, 49.3594,
18.9635

■ 25.7628, 48.8100,
15.7649

■ 25.1057, 48.5187,
13.5867

Harmonies

Analogous

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



56.8476, 62.9432, 56.5825



55.1109, 62.9432, 62.0679



54.6225, 62.9432, 69.6916

Triad

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



55.1109, 62.9432, 62.0679



60.2283, 62.9432, 85.0655



64.3790, 62.9432, 60.2209

Complementary

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



55.1109, 62.9432, 62.0679



57.0720, 55.1492, 66.0324

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.



65.3491, 62.9432, 67.3902



55.1109, 62.9432, 62.0679



62.9059, 62.9432, 82.0610

Square

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



55.1109, 62.9432, 62.0679



57.5229, 62.9432, 83.3654



64.8019, 62.9432, 75.4352



62.1890, 62.9432, 55.5758

Rectangle

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



55.1109, 62.9432, 62.0679



55.0573, 62.9432, 75.0647



64.8019, 62.9432, 75.4352



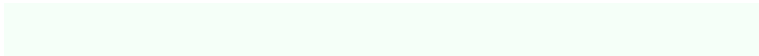
64.8616, 62.9432, 62.3943

Sweetspot

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



55.1126, 62.9459, 62.0693



90.2996, 97.6778, 102.9531



58.7110, 64.9040, 57.5783



19.1423, 20.8164, 21.8021



0.0000, 0.0000, 0.0000



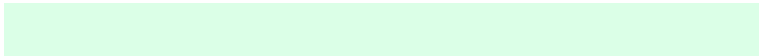
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1126, 62.9459, 62.0693



79.4484, 92.3805, 89.0399



56.5952, 63.5389, 69.8765



12.4245, 13.9608, 14.0500



15.2162, 29.3418, 8.4341



0.9550, 1.7847, 0.7050

Inverse Universe

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



57.0720, 55.1492, 66.0324



82.9149, 78.5857, 96.0504



55.6220, 54.5691, 58.3965



12.7761, 12.5619, 14.7612



19.9251, 9.9064, 17.4414



1.2388, 0.6123, 1.2466

Previews

White Background



This preview shows how the XYZ color 55.1109, 62.9432, 62.0679 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 55.1109, 62.9432, 62.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

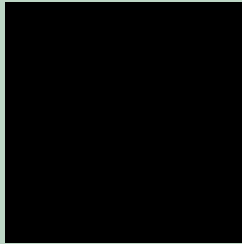
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

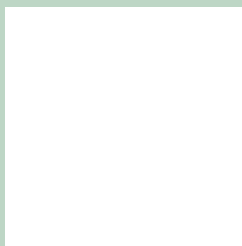
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1109, 62.9432, 62.0679

Background



This preview shows how black text looks on a background with the XYZ color 55.1109, 62.9432, 62.0679.

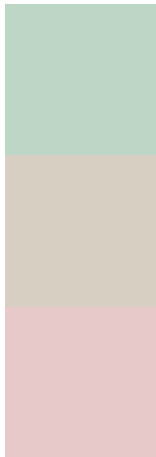


This preview shows how white text looks on a background with the XYZ color 55.1109, 62.9432,

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

55.1109, 62.9432, 62.0679

Protanopia

59.9628, 62.9230, 59.4370

Deuteranopia

63.9451, 62.7664, 63.3884



Tritanopia

59.0222, 63.0535, 81.0112

Trichromacy



Original Color

55.1109, 62.9432, 62.0679

Protanomaly

58.2378, 63.1100, 60.1509

Deuteranomaly

60.4044, 62.7132, 62.9540

Tritanomaly

57.2982, 62.7013, 73.3726

Monochromacy



Original Color

55.1109, 62.9432, 62.0679

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.7697, 61.5181, 64.7592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1109, 62.9432, 62.0679 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(189, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(189, 214, 197)  
}
```

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(189, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 214, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.1109, 62.9432, 62.0679 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(189, 214, 197) }
```


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

```
.border{ border-color:rgb(189, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(189, 214,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1109, 62.9432, 62.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 214, 197) }
```

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

```
.background{ background-color: rgb(189,  
214, 197) }
```

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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