

Converting Colors

XYZ(55.3448, 62.2063, 63.7427)

Have a look what the booklet for
XYZ(55.3448, 62.2063, 63.7427)
contains.

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Color

**XYZ(55.4547, 62.3335,
63.7524)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD4C8
RGB	191, 212, 200
RGB Percent	75%, 83%, 78%
CMY	0.2510, 0.1686, 0.2157
CMYK	0.10, 0.00, 0.06, 0.17
HSL	146°, 20%, 79%
HSV	146°, 10%, 83%
XYZ	55.4547, 62.3335, 63.7524
YIQ	204.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

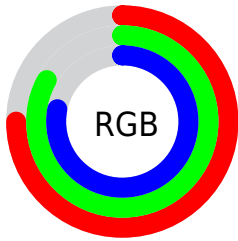
Format	Color
RYB	191, 206, 212
Decimal	12571848
CIELab	83.09, -9.31, 3.53
CIELCh	83, 9.958, 159.252
Yxy	62.3335, 0.3055, 0.3434
Android (android.graphics.Color)	4290761928 (0xFFBFD4C8)
YUV	204.3530, -2.1460, -11.7106
Hunter-Lab	78.9516, -12.7888, 7.3902

Details

The XYZ color **55.4547, 62.3335, 63.7524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5640, 55.5721, 64.2481**, and the grayscale version is **57.6364, 60.6379, 66.0347**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.5618, 31.5076, 31.8230** is the 20% darker color. If you saturate the color by 10%, you get **49.1440, 59.2392, 56.3565**, and if you desaturate by 10%, it is **62.6528, 65.8759, 71.7783**.

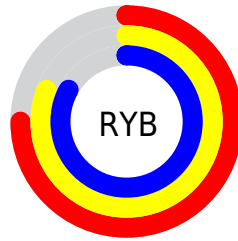
Distribution



Red (75%)

Green (83%)

Blue (78%)



Red (75%)

Yellow (81%)

Blue (83%)

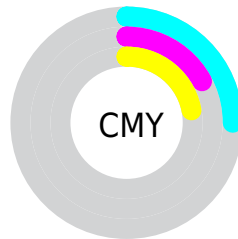


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (17%)



Cyan (25%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4547, 62.3335, 63.7524 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 55.4547, 62.3335, 63.7524 by changing the saturation by 10% instead.

■ 55.4547, 62.3335,
63.7524

■ 55.4547, 62.3335,
63.7524

397.7417,
433.1466, 456.4779

■ 40.0012, 45.3022,
46.0053

■ 97.3513, 108.2074,
111.8503

■ 27.7237, 31.6955,
31.9013

124.5251,
137.8188, 143.0382

■ 18.2569, 21.1291,
21.0219

156.3363,
172.3924, 179.5433

■ 11.2354, 13.2184,
12.9486

193.1503,
212.3125, 221.7844

■ 6.2938, 7.5791,
7.2629

235.3325,
257.9636, 270.1798

■ 3.0669, 3.8268,
3.5461

283.2482,

■ 1.1892, 1.5772,

309.7300, 325.1481

1.3798

337.2628,
367.9962, 387.1080

■ 0.0979, 0.3421,
0.1259

■ 0.0000, 0.0000,
0.0000

■ 55.4547, 62.3335,
63.7524

■ 55.4547, 62.3335,
63.7524

■ 49.1440, 59.2392,
56.3565

■ 62.6528, 65.8759,
71.7783

■ 43.6801, 56.5669,
49.5713

■ 70.7668, 69.8753,
80.4446

■ 39.0264, 54.3000,
43.3823

■ 79.8299, 74.3506,
89.7669

■ 35.1420, 52.4177,
37.7732

■ 81.8003, 75.1556,
99.3810

■ 31.9820, 50.8971,
32.7266

■ 82.8347, 75.5694,
104.8282

■ 29.4967, 49.7129,
28.2243

■ 27.6297, 48.8365,
24.2472

■ 26.3144, 48.2339,
20.7747

■ 25.4337, 47.8453,
17.7827

Harmonies

Analogous

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



56.6625, 62.3335, 59.0888



55.4547, 62.3335, 63.7524



55.2494, 62.3335, 69.7967

Triad

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



55.4547, 62.3335, 63.7524



59.9149, 62.3335, 80.2713



62.5134, 62.3335, 60.6347

Complementary

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



55.4547, 62.3335, 63.7524



56.5640, 55.5721, 64.2481

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.



63.4311, 62.3335, 65.9802



55.4547, 62.3335, 63.7524



61.9071, 62.3335, 77.4821

Square

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



55.4547, 62.3335, 63.7524



57.7902, 62.3335, 79.5851



63.2065, 62.3335, 72.1624



60.7263, 62.3335, 57.3660

Rectangle

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



55.4547, 62.3335, 63.7524



55.7036, 62.3335, 73.8368



63.2065, 62.3335, 72.1624



62.9358, 62.3335, 62.2347

Sweetspot

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



55.4564, 62.3361, 63.7538



91.5953, 98.2995, 105.1058



57.6465, 63.5832, 58.5256



19.4121, 20.9452, 22.2831



0.0000, 0.0000, 0.0000



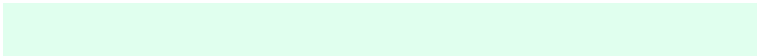
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4564, 62.3361, 63.7538



81.9856, 93.5757, 94.2546



56.6955, 62.8318, 70.2787



12.4811, 13.9834, 14.3479



15.7442, 29.5530, 11.2145



0.9906, 1.7989, 0.8923

Inverse Universe

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



56.5640, 55.5721, 64.2481



84.0134, 81.1906, 95.1593



55.3819, 55.0992, 58.0233



12.7177, 12.5386, 14.4535



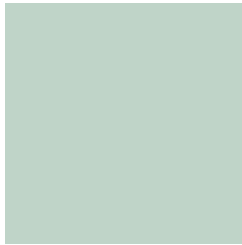
18.9495, 9.5161, 12.3043



1.1840, 0.5904, 0.9585

Previews

White Background



This preview shows how the XYZ color 55.4547, 62.3335, 63.7524 looks on a white background.

Color Contrast Check

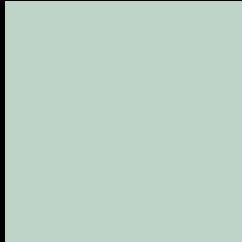
Large Text (above 18pt) WCAG AA × Fail

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 55.4547, 62.3335, 63.7524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

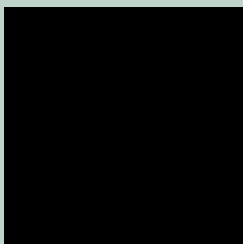
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4547, 62.3335, 63.7524

Background



This preview shows how black text looks on a background with the XYZ color 55.4547, 62.3335, 63.7524.



This preview shows how white text looks on a background with the XYZ color 55.4547, 62.3335,

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

55.4547, 62.3335, 63.7524

Protanopia

59.5899, 62.3200, 61.7116

Deuteranopia

63.3099, 62.0668, 64.5204



Tritanopia

58.6522, 62.1501, 80.1390

Trichromacy



Original Color

55.4547, 62.3335, 63.7524

Protanomaly

57.9258, 62.1681, 62.3727

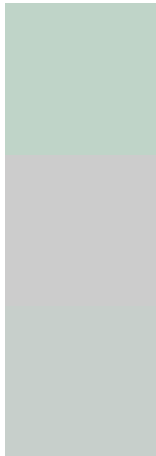
Deuteranomaly

60.1598, 61.8499, 64.0258

Tritanomaly

57.4433, 62.0281, 73.9108

Monochromacy



Original Color

55.4547, 62.3335, 63.7524

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.6455, 61.0796, 65.3039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4547, 62.3335, 63.7524 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(191, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(191, 212, 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(191, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 212, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.4547, 62.3335, 63.7524 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(191, 212, 200) }
```


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

```
.border{ border-color:rgb(191, 212, 200) }
```

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

Here you see how a box with a 4 pixel rgb(191, 212, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(191, 212,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4547, 62.3335, 63.7524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 212, 200) }
```

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

```
.background{ background-color: rgb(191,  
212, 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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