

Converting Colors

XYZ(55.0633, 62.0314, 62.6983)

Have a look what the booklet for
XYZ(55.0633, 62.0314, 62.6983)
contains.

XYZ(55.2224, 62.2405, 62.5292)	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(55.2224, 62.2405,
62.5292)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD4C6
RGB	191, 212, 198
RGB Percent	75%, 83%, 78%
CMY	0.2510, 0.1686, 0.2235
CMYK	0.10, 0.00, 0.07, 0.17
HSL	140°, 20%, 79%
HSV	140°, 10%, 83%
XYZ	55.2224, 62.2405, 62.5292
YIQ	204.1250, -8.0220, -8.8060

Conversions

Conversions Part 2

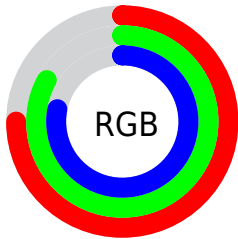
Format	Color
RYB	191, 207, 212
Decimal	12571846
CIELab	83.04, -9.68, 4.52
CIELCh	83, 10.687, 154.981
Yxy	62.2405, 0.3068, 0.3458
Android (android.graphics.Color)	4290761926 (0xFFBFD4C6)
YUV	204.1250, -3.0196, -11.5106
Hunter-Lab	78.8926, -13.1177, 8.2324

Details

The XYZ color **55.2224, 62.2405, 62.5292** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8039, 55.6681, 65.5117**, and the grayscale version is **57.4971, 60.4914, 65.8751**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **27.4075, 31.4459, 31.0107** is the 20% darker color. If you saturate the color by 10%, you get **48.7170, 59.0683, 54.1080**, and if you desaturate by 10%, it is **62.6552, 65.8767, 71.7907**.

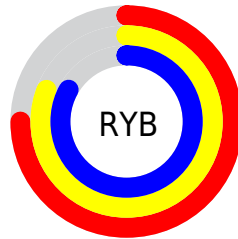
Distribution



Red (75%)

Green (83%)

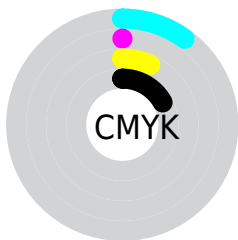
Blue (78%)



Red (75%)

Yellow (81%)

Blue (83%)

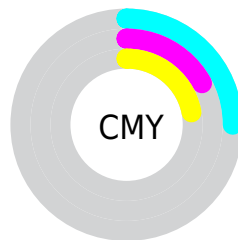


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (17%)



Cyan (25%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2224, 62.2405, 62.5292 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 55.2224, 62.2405, 62.5292 by changing the saturation by 10% instead.

■ 55.2224, 62.2405,
62.5292

■ 55.2224, 62.2405,
62.5292

396.8771,
432.8078, 451.9197

■ 39.8144, 45.2271,
45.0219

■ 97.0132, 108.0730,
110.0690

■ 27.5774, 31.6363,
31.1316

124.1266,
137.6609, 140.9386

■ 18.1462, 21.0839,
20.4398

155.8725,
172.2091, 177.0994

■ 11.1553, 13.1853,
12.5279

192.6163,
212.1019, 218.9698

■ 6.2395, 7.5563,
6.9774

234.7233,
257.7238, 266.9686

■ 3.0333, 3.8124,
3.3697

282.5589,

■ 1.1714, 1.5692,

309.4592, 321.5141

1.2864

336.4884,
367.6924, 383.0249

■ 0.0836, 0.3367,
0.0506

■ 0.0000, 0.0000,
0.0000

■ 55.2224, 62.2405,
62.5292

■ 55.2224, 62.2405,
62.5292

■ 48.7170, 59.0683,
54.1080

■ 62.6552, 65.8767,
71.7907

■ 43.0967, 56.3335,
46.4996

■ 71.0452, 69.9866,
81.9109

■ 38.3235, 54.0188,
39.6810

■ 80.4272, 74.5895,
92.9126

■ 34.3545, 52.1026,
33.6264

■ 82.7607, 75.5397,
104.4388

■ 31.1431, 50.5614,
28.3090

■ 82.8346, 75.5693,
104.8282

■ 28.6375, 49.3692,
23.6999

■ 26.7791, 48.4962,
19.7685

■ 25.4991, 47.9078,
16.4818

■ 24.6777, 47.5428,
13.8019

Harmonies

Analogous

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



56.6470, 62.2405, 57.8694



55.2224, 62.2405, 62.5292



54.8411, 62.2405, 68.8800

Triad

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



55.2224, 62.2405, 62.5292



59.5443, 62.2405, 81.2521



62.8731, 62.2405, 60.7332

Complementary

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



55.2224, 62.2405, 62.5292



56.8039, 55.6681, 65.5117

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.



63.6951, 62.2405, 66.6706



55.2224, 62.2405, 62.5292



61.7415, 62.2405, 78.7384

Square

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



55.2224, 62.2405, 62.5292



57.2986, 62.2405, 79.9656



63.2757, 62.2405, 73.2943



61.0567, 62.2405, 56.8808

Rectangle

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



55.2224, 62.2405, 62.5292



55.2212, 62.2405, 73.2861



63.2757, 62.2405, 73.2943



63.2770, 62.2405, 62.5366

Sweetspot

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



55.2241, 62.2431, 62.5306



91.4809, 98.2537, 104.5033



58.2233, 63.8804, 58.5526



19.3813, 20.9328, 22.1208



0.0000, 0.0000, 0.0000



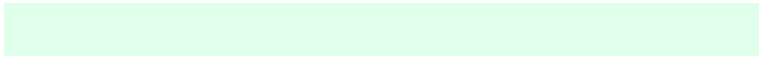
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2241, 62.2431, 62.5306



81.5620, 93.4063, 92.0239



56.4350, 62.7275, 68.9071



12.4314, 13.9636, 14.0863



15.2717, 29.3640, 8.7262



0.9590, 1.7862, 0.7258

Inverse Universe

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



56.8039, 55.6681, 65.5117



84.4544, 81.3670, 97.4816



55.6175, 55.1935, 59.2642



12.7689, 12.5591, 14.7232



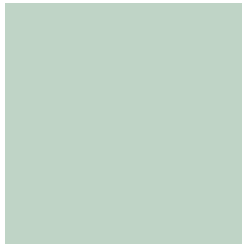
19.7940, 9.8539, 16.7509



1.2316, 0.6094, 1.2088

Previews

White Background



This preview shows how the XYZ color 55.2224, 62.2405, 62.5292 looks on a white background.

Color Contrast Check

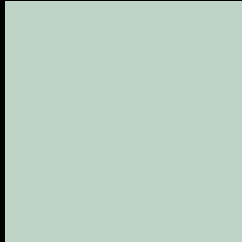
Large Text (above 18pt) WCAG AA × Fail

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 55.2224, 62.2405, 62.5292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

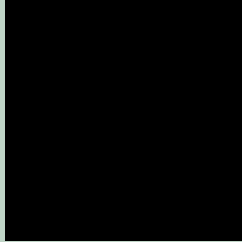
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

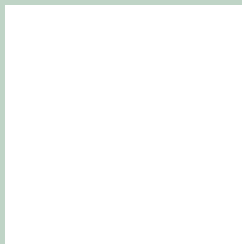
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2224, 62.2405, 62.5292

Background



This preview shows how black text looks on a background with the XYZ color 55.2224, 62.2405, 62.5292.

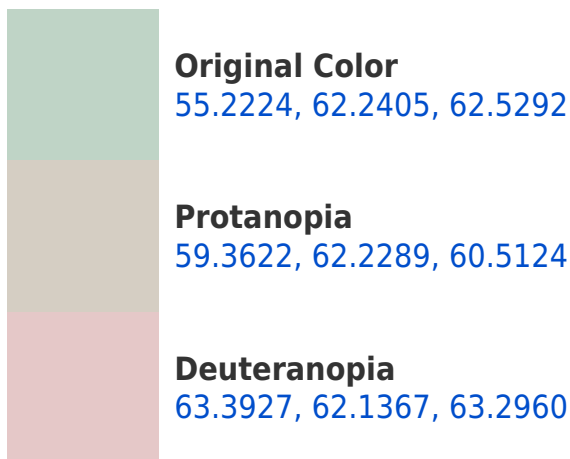


This preview shows how white text looks on a background with the XYZ color 55.2224, 62.2405,

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





Tritanopia

58.6522, 62.1501, 80.1390

Trichromacy



Original Color

55.2224, 62.2405, 62.5292

Protanomaly

57.6965, 62.0764, 61.1656

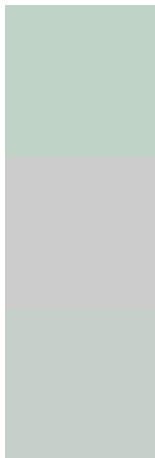
Deuteranomaly

59.9260, 61.7563, 62.7946

Tritanomaly

57.3143, 61.9766, 73.2319

Monochromacy



Original Color

55.2224, 62.2405, 62.5292

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.5267, 61.0320, 64.6782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2224, 62.2405, 62.5292 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, 198) looks like.

```
.text, #text, p{  
    color:rgb(191, 212, 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(191, 212, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 212, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.2224, 62.2405, 62.5292 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, 198) }
```


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

```
.border{ border-color:rgb(191, 212, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 212, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 212, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 212,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2224, 62.2405, 62.5292 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, 198) }
```

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

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

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor