

Converting Colors

XYZ(55.5495, 62.6339, 69.4742)

Have a look what the booklet for
XYZ(55.5495, 62.6339, 69.4742)
contains.

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Color

**XYZ(55.5526, 62.6311,
69.4827)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD5D1
RGB	186, 213, 209
RGB Percent	73%, 84%, 82%
CMY	0.2706, 0.1647, 0.1804
CMYK	0.13, 0.00, 0.02, 0.16
HSL	171°, 24%, 78%
HSV	171°, 13%, 84%
XYZ	55.5526, 62.6311, 69.4827
YIQ	204.4710, -14.8080, -6.9680

Conversions

Conversions Part 2

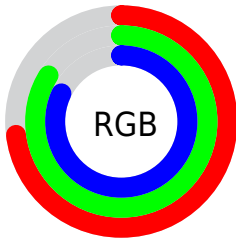
Format	Color
RYB	186, 201, 213
Decimal	12244433
CIELab	83.25, -9.75, -1.07
CIELCh	83, 9.804, 186.269
Yxy	62.6311, 0.2960, 0.3337
Android (android.graphics.Color)	4290434513 (0xFFBAD5D1)
YUV	204.4710, 2.2328, -16.1991
Hunter-Lab	79.1398, -13.1957, 3.3428

Details

The XYZ color **55.5526, 62.6311, 69.4827** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2960, 52.9833, 56.0831**, and the grayscale version is **57.6870, 60.6913, 66.0928**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **27.8161, 31.8068, 35.6836** is the 20% darker color. If you saturate the color by 10%, you get **50.3720, 60.0068, 67.2207**, and if you desaturate by 10%, it is **61.5159, 65.6614, 71.8245**.

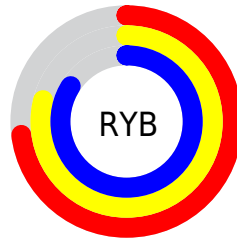
Distribution



Red (73%)

Green (84%)

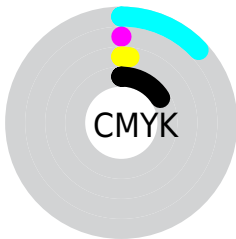
Blue (82%)



Red (73%)

Yellow (79%)

Blue (84%)

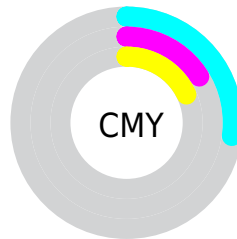


Cyan (13%)

Magenta (0%)

Yellow (2%)

Black (16%)



Cyan (27%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5526, 62.6311, 69.4827 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 55.5526, 62.6311, 69.4827 by changing the saturation by 10% instead.

■ 55.5526, 62.6311,
69.4827

■ 55.5526, 62.6311,
69.4827

398.1057,
434.2294, 477.4715

■ 40.0799, 45.5428,
50.6307

■ 97.4937, 108.6371,
120.1449

■ 27.7853, 31.8852,
35.5401

124.6929,
138.3237, 152.7923

■ 18.3035, 21.2738,
23.7924

156.5316,
172.9785, 190.8752

■ 11.2691, 13.3243,
14.9689

193.3752,
212.9858, 234.8121

■ 6.3168, 7.6523,
8.6512

235.5891,
258.7302, 285.0217

■ 3.0811, 3.8732,
4.4207

283.5385,

■ 1.1968, 1.6029,

310.5960, 341.9224

1.8588

337.5889,
368.9676, 405.9329

■ 0.1039, 0.3596,
0.4664

■ 0.0000, 0.0000,
0.0000

■ 55.5526, 62.6311,
69.4827

■ 55.5526, 62.6311,
69.4827

■ 50.3720, 60.0068,
67.2207

■ 61.5159, 65.6614,
71.8245

■ 45.9348, 57.7632,
65.0323

■ 68.2885, 69.1062,
74.2435

■ 42.2060, 55.8839,
62.9171

■ 75.9022, 72.9838,
76.7427

■ 39.1459, 54.3484,
60.8730

■ 78.1711, 74.1051,
79.0330

■ 36.7110, 53.1344,
58.8976

■ 78.5975, 74.2757,
81.2785

■ 34.8522, 52.2165,
56.9886

■ 79.0318, 74.4494,
83.5658

■ 33.5134, 51.5658,
55.1428

■ 79.4742, 74.6264,
85.8954

■ 32.6267, 51.1473,
53.3571

■ 79.9246, 74.8065,
88.2673

■ 32.1798, 50.9446,
52.0833

■ 80.3832, 74.9900,
90.6819

Harmonies

Analogous

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



55.8603, 62.6311, 63.5854



55.5526, 62.6311, 69.4827



56.2898, 62.6311, 75.3666

Triad

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



55.5526, 62.6311, 69.4827



61.9832, 62.6311, 78.0883



61.1913, 62.6311, 58.0171

Complementary

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



55.5526, 62.6311, 69.4827



54.2960, 52.9833, 56.0831

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.



62.8902, 62.6311, 61.4927



55.5526, 62.6311, 69.4827



63.3549, 62.6311, 73.0214

Square

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



55.5526, 62.6311, 69.4827



59.9771, 62.6311, 80.5223



63.6907, 62.6311, 66.9226



59.0831, 62.6311, 57.1941

Rectangle

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



55.5526, 62.6311, 69.4827



57.2851, 62.6311, 78.4149



63.6907, 62.6311, 66.9226



61.8307, 62.6311, 58.9034

Sweetspot

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



55.5544, 62.6337, 69.4841



91.1539, 98.0195, 107.4518



53.9068, 62.0900, 55.5988



19.3586, 20.9029, 22.9413



0.0000, 0.0000, 0.0000



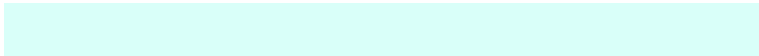
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5544, 62.6337, 69.4841



81.4513, 93.0936, 103.5681



53.7479, 58.2175, 71.3582



12.7094, 14.0747, 15.5499



19.6858, 31.1296, 31.9705



1.2094, 1.8864, 2.0443

Inverse Universe

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



54.2960, 52.9833, 56.0831



79.2297, 76.0534, 79.9070



55.9218, 56.9255, 54.4957



12.4975, 12.4505, 13.2943



16.9410, 8.7127, 1.7272



1.0462, 0.5353, 0.2327

Previews

White Background



This preview shows how the XYZ color 55.5526, 62.6311, 69.4827 looks on a white background.

Color Contrast Check

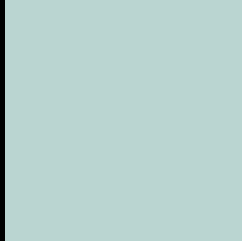
Large Text (above 18pt) WCAG AA × Fail

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 55.5526, 62.6311, 69.4827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

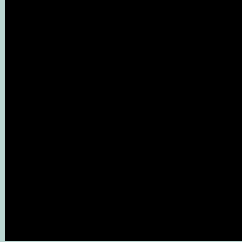
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

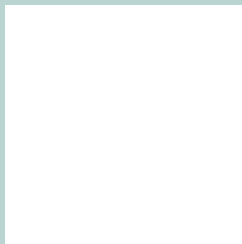
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5526, 62.6311, 69.4827

Background



This preview shows how black text looks on a background with the XYZ color 55.5526, 62.6311, 69.4827.



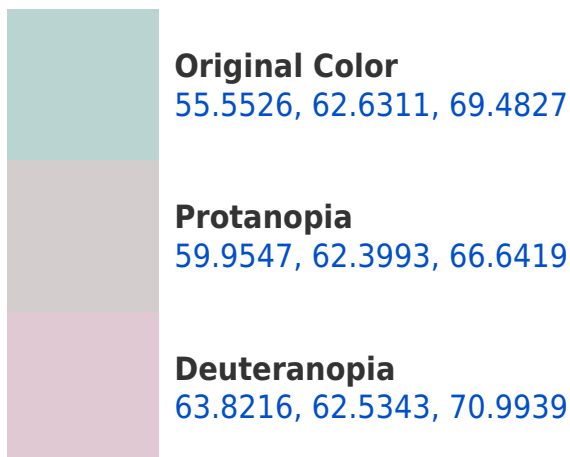
This preview shows how white text looks on a background with the XYZ color 55.5526, 62.6311,

69.4827.

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

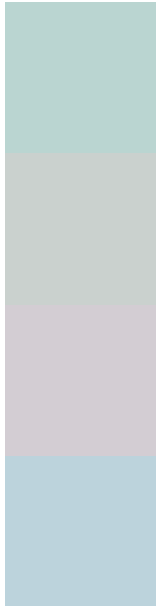




Tritanopia

57.8980, 62.4581, 81.6771

Trichromacy



Original Color

55.5526, 62.6311, 69.4827

Protanomaly

58.2982, 62.6137, 67.4055

Deuteranomaly

60.4532, 62.2147, 70.4504

Tritanomaly

56.9516, 62.4472, 76.7620

Monochromacy



Original Color

55.5526, 62.6311, 69.4827

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.4794, 60.9522, 67.1807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5526, 62.6311, 69.4827 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(186, 213, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 213, 209)  
}
```

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(186, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 213, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.5526, 62.6311, 69.4827 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(186, 213, 209) }
```


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

```
.border{ border-color:rgb(186, 213, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 213, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(186, 213,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5526, 62.6311, 69.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 213, 209) }
```

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

```
.background{ background-color: rgb(186,  
213, 209) }
```

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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