

Converting Colors

XYZ(55.2947, 64.9997, 57.2002)

Have a look what the booklet for
XYZ(55.2947, 64.9997, 57.2002)
contains.

XYZ(55.3949, 65.1127, 57.2253)	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(55.3949, 65.1127,
57.2253)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBBC
RGB	189, 219, 188
RGB Percent	74%, 86%, 74%
CMY	0.2588, 0.1412, 0.2627
CMYK	0.14, 0.00, 0.14, 0.14
HSL	118°, 30%, 80%
HSV	118°, 14%, 86%
XYZ	55.3949, 65.1127, 57.2253
YIQ	206.4960, -7.9290, -16.0010

Conversions

Conversions Part 2

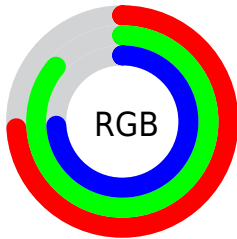
Format	Color
RYB	188, 219, 218
Decimal	12442556
CIELab	84.54, -15.72, 11.95
CIELCh	85, 19.743, 142.763
Yxy	65.1127, 0.3117, 0.3664
Android (android.graphics.Color)	4290632636 (0xFFBDDBBC)
YUV	206.4960, -9.1185, -15.3440
Hunter-Lab	80.6924, -18.6725, 14.4375

Details

The XYZ color **55.3949, 65.1127, 57.2253** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.6854, 55.9881, 74.6822**, and the grayscale version is **59.0460, 62.1210, 67.6497**.

A 20% lighter version of the original color is **89.7453, 97.4641, 99.6703**, and **27.6403, 33.4511, 27.9216** is the 20% darker color. If you saturate the color by 10%, you get **48.3324, 61.7261, 45.4920**, and if you desaturate by 10%, it is **63.5875, 69.0442, 70.8843**.

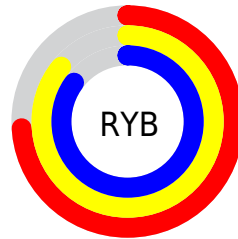
Distribution



Red (74%)

Green (86%)

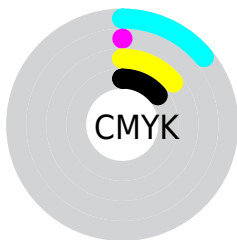
Blue (74%)



Red (74%)

Yellow (86%)

Blue (85%)

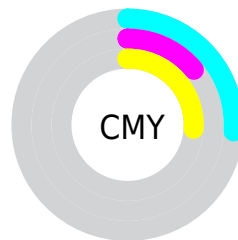


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (26%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3949, 65.1127, 57.2253 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 55.3949, 65.1127, 57.2253 by changing the saturation by 10% instead.


 55.3949, 65.1127,
57.2253

 55.3949, 65.1127,
57.2253


397.5192,
443.1969, 431.8104

 39.9531, 47.5525,
40.7756


 97.2643, 112.2119,
102.2975

 27.6860, 33.4726,
27.8254

124.4225,
142.5196, 131.7570

 18.2283, 22.4887,
17.9562

156.2169,
177.8453, 166.3902

 11.2147, 14.2165,
10.7494

193.0129,
218.5733, 206.6156

 6.2798, 8.2714,
5.7866

235.1757,
265.0881, 252.8518

 3.0582, 4.2691,
2.6490

283.0708,

 1.1846, 1.8252,

317.7740, 305.5173

0.9176

337.0636,
377.0155, 365.0306

■ 0.0942, 0.5028,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3949, 65.1127,
57.2253

■ 55.3949, 65.1127,
57.2253

■ 48.3324, 61.7261,
45.4920

■ 63.5875, 69.0442,
70.8843

■ 42.3455, 58.8526,
35.5939

■ 72.9513, 73.5345,
86.5457

■ 37.3829, 56.4697,
27.4395

■ 83.5315, 78.6070,
104.2870

■ 33.3874, 54.5499,
20.9278

■ 84.6228, 79.1456,
105.4243

■ 30.2958, 53.0632,
15.9474

■ 28.0376, 51.9758,
12.3732

■ 26.5319, 51.2492,
10.0604

■ 25.6815, 50.8371,
8.8330

■ 25.4212, 50.7111,
8.4484

Harmonies

Analogous

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



58.6723, 65.1127, 50.8230



55.3949, 65.1127, 57.2253



53.8702, 65.1127, 67.8886

Triad

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



55.3949, 65.1127, 57.2253



60.8282, 65.1127, 97.7454



70.0195, 65.1127, 61.9308

Complementary

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



55.3949, 65.1127, 57.2253



59.6854, 55.9881, 74.6822

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.



70.6636, 65.1127, 73.9923



55.3949, 65.1127, 57.2253



65.2184, 65.1127, 95.6622

Square

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



55.3949, 65.1127, 57.2253



56.9092, 65.1127, 91.9841



68.8689, 65.1127, 86.5885



67.1484, 65.1127, 53.3067

Rectangle

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



55.3949, 65.1127, 57.2253



53.9994, 65.1127, 76.3840



68.8689, 65.1127, 86.5885



70.5090, 65.1127, 65.6786

Sweetspot

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



55.3967, 65.1155, 57.2267



89.9121, 97.5360, 100.3137



63.3562, 68.8197, 57.5222



19.0445, 20.7806, 21.1367



0.0000, 0.0000, 0.0000



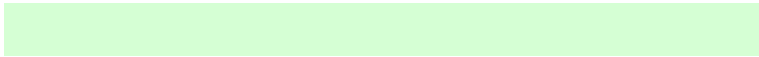
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3967, 65.1155, 57.2267



75.0540, 90.4091, 75.5511



56.7886, 65.6437, 65.8467



12.9251, 14.6261, 13.8675



15.0904, 30.0769, 5.0101



0.9916, 1.9557, 0.3252

Inverse Universe

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



59.6854, 55.9881, 74.6822



82.2337, 75.1280, 104.7747



58.1620, 55.4134, 65.0952



13.5707, 13.2523, 16.4948



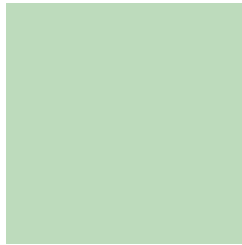
23.6894, 11.3365, 40.6780



1.5480, 0.7413, 2.6359

Previews

White Background



This preview shows how the XYZ color 55.3949, 65.1127, 57.2253 looks on a white background.

Color Contrast Check

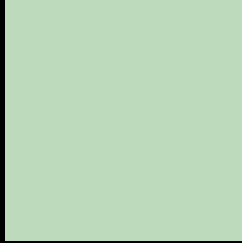
Large Text (above 18pt) WCAG AA × Fail

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 55.3949, 65.1127, 57.2253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

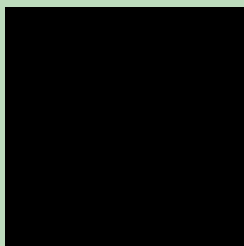
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

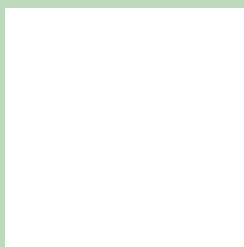
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3949, 65.1127, 57.2253

Background



This preview shows how black text looks on a background with the XYZ color 55.3949, 65.1127, 57.2253.

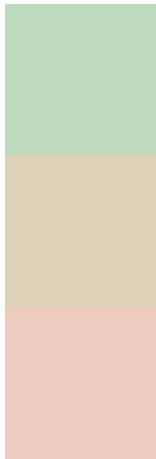


This preview shows how white text looks on a background with the XYZ color 55.3949, 65.1127,

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



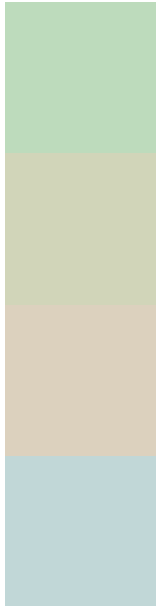
Original Color
55.3949, 65.1127, 57.2253
Protanopia
61.4126, 64.8842, 54.0869
Deuteranopia
66.0198, 64.6506, 58.2894



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

55.3949, 65.1127, 57.2253

Protanomaly

58.8457, 64.6466, 55.2755

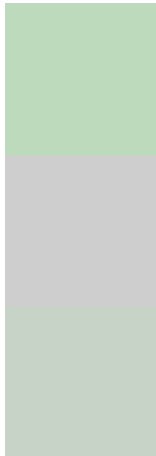
Deuteranomaly

61.6099, 64.5343, 57.9244

Tritanomaly

58.5585, 64.8446, 73.7199

Monochromacy



Original Color

55.3949, 65.1127, 57.2253

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4225, 62.9914, 63.1649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3949, 65.1127, 57.2253 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, 219, 188)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 188)  
}
```

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, 219, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 188) }
```

Border

The CSS property to change the border of an element to XYZ 55.3949, 65.1127, 57.2253 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, 219, 188) }
```


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

```
.border{ border-color:rgb(189, 219, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 188);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3949, 65.1127, 57.2253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 188) }
```

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

```
.background{ background-color: rgb(189,  
219, 188) }
```

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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