

Converting Colors

XYZ(55.1430, 67.9921, 55.3919)

Have a look what the booklet for
XYZ(55.1430, 67.9921, 55.3919)
contains.

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Color

**XYZ(55.1395, 67.7985,
55.5277)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E2B8
RGB	182, 226, 184
RGB Percent	71%, 89%, 72%
CMY	0.2863, 0.1137, 0.2784
CMYK	0.19, 0.00, 0.19, 0.11
HSL	123°, 43%, 80%
HSV	123°, 19%, 89%
XYZ	55.1395, 67.7985, 55.5277
YIQ	208.0560, -12.7420, -22.3900

Conversions

Conversions Part 2

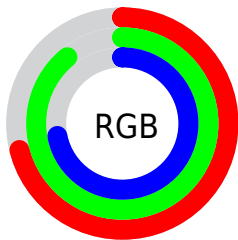
Format	Color
RYB	182, 224, 226
Decimal	11985592
CIELab	85.91, -22.24, 15.91
CIELCh	86, 27.345, 144.420
Yxy	67.7985, 0.3090, 0.3799
Android (android.graphics.Color)	4290175672 (0xFFB6E2B8)
YUV	208.0560, -11.8596, -22.8511
Hunter-Lab	82.3398, -24.5609, 17.6544

Details

The XYZ color **55.1395, 67.7985, 55.5277** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61.5489, 55.0080, 77.8976**, and the grayscale version is **60.0724, 63.2009, 68.8258**.

A 20% lighter version of the original color is **86.7481, 95.9884, 96.3936**, and **27.5617, 35.3537, 26.8440** is the 20% darker color. If you saturate the color by 10%, you get **48.1352, 64.4313, 44.2822**, and if you desaturate by 10%, it is **63.3538, 71.7535, 68.6328**.

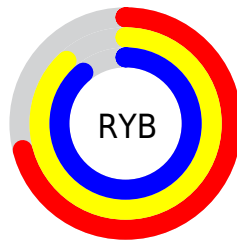
Distribution



Red (71%)

Green (89%)

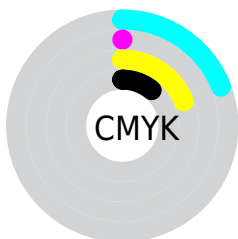
Blue (72%)



Red (71%)

Yellow (88%)

Blue (89%)

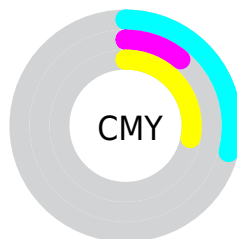


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (29%)


Magenta (11%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1395, 67.7985, 55.5277 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 55.1395, 67.7985, 55.5277 by changing the saturation by 10% instead.


 55.1395, 67.7985,
55.5277

 55.1395, 67.7985,
55.5277


396.5683,
452.7818, 425.2474

 39.7477, 49.7338,
39.4229

 96.8924, 116.0638,
99.7926

 27.5252, 35.2019,
26.7785


123.9843,
147.0333, 128.7898

 18.1067, 23.8185,
17.1760


155.7069,
183.0731, 162.9215

 11.1268, 15.1990,
10.1968

192.4256,
224.5677, 202.6063

 6.2201, 8.9592,
5.4223

234.5057,
271.9015, 248.2628

 3.0213, 4.7146,
2.4341

282.3126,

 1.1650, 2.0808,

325.4588, 300.3094

0.8049

336.2117,
385.6241, 359.1648

0.0785, 0.6538,
0.0000

0.0000, 0.0000,
0.0000

55.1395, 67.7985,
55.5277

55.1395, 67.7985,
55.5277

48.1352, 64.4313,
44.2822

63.3538, 71.7535,
68.6328

42.2785, 61.6157,
34.8079

72.8256, 76.3134,
83.6717

37.5099, 59.3249,
27.0159

83.6067, 81.5051,
100.7198

33.7623, 57.5265,
20.8079

86.4877, 82.8754,
106.0459

■ 30.9611, 56.1842,
16.0754

■ 29.0216, 55.2572,
12.6960

■ 27.8440, 54.6968,
10.5282

■ 27.2755, 54.4282,
9.3976

■ 27.2540, 54.4179,
9.3624

Harmonies

Analogous

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



59.5918, 67.7985, 46.6744



55.1395, 67.7985, 55.5277



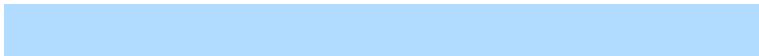
53.1892, 67.7985, 70.5200

Triad

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



55.1395, 67.7985, 55.5277



63.2773, 67.7985, 113.7133



76.0318, 67.7985, 60.4686

Complementary

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



55.1395, 67.7985, 55.5277



61.5489, 55.0080, 77.8976

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.



77.1760, 67.7985, 77.2235



55.1395, 67.7985, 55.5277



69.5452, 67.7985, 109.8627

Square

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



55.1395, 67.7985, 55.5277



57.6885, 67.7985, 105.5517



74.7326, 67.7985, 95.7465



71.6996, 67.7985, 49.1871

Rectangle

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



55.1395, 67.7985, 55.5277



53.4732, 67.7985, 82.7414



74.7326, 67.7985, 95.7465



76.8133, 67.7985, 65.5660

Sweetspot

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



55.1413, 67.8014, 55.5292



87.3804, 96.3076, 96.7304



66.5488, 73.7062, 54.9759



18.5323, 20.5316, 20.4330



0.0000, 0.0000, 0.0000



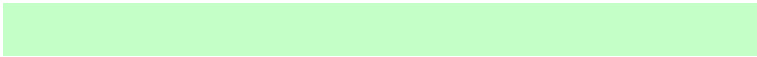
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1413, 67.8014, 55.5292



68.9268, 87.4270, 67.2852



57.5656, 68.7711, 68.2955



13.5539, 15.3473, 14.6862



15.5594, 31.0486, 5.4026



1.0875, 2.1557, 0.4220

Inverse Universe

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



61.5489, 55.0080, 77.8976



78.6825, 67.9474, 101.3408



58.8181, 53.9157, 63.5173



14.2667, 13.9243, 17.1746



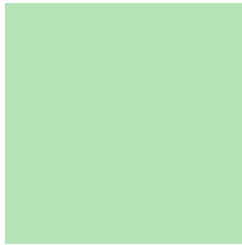
24.9564, 12.0496, 38.0319



1.7383, 0.8386, 2.6806

Previews

White Background



This preview shows how the XYZ color 55.1395, 67.7985, 55.5277 looks on a white background.

Color Contrast Check

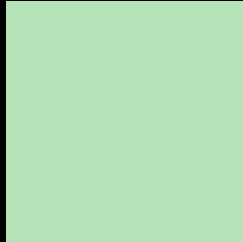
Large Text (above 18pt) WCAG AA × Fail

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 55.1395, 67.7985, 55.5277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

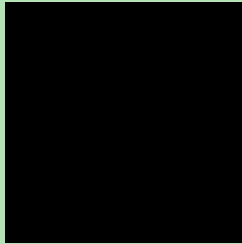
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1395, 67.7985, 55.5277

Background



This preview shows how black text looks on a background with the XYZ color 55.1395, 67.7985, 55.5277.



This preview shows how white text looks on a background with the XYZ color 55.1395, 67.7985,

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

55.1395, 67.7985, 55.5277

Protanopia

63.4465, 67.4762, 51.7997

Deuteranopia

68.4566, 67.0066, 56.9025



Tritanopia

61.9577, 67.7955, 89.1772

Trichromacy



Original Color

55.1395, 67.7985, 55.5277

Protanomaly

59.8880, 67.1397, 52.9828

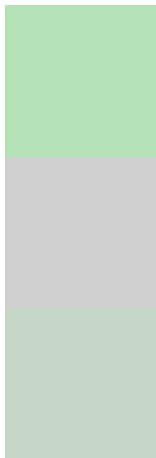
Deuteranomaly

62.5827, 66.5485, 56.5604

Tritanomaly

59.3847, 67.9437, 75.6302

Monochromacy



Original Color

55.1395, 67.7985, 55.5277

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.1624, 64.8665, 63.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1395, 67.7985, 55.5277 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(182, 226, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 184)  
}
```

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(182, 226, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 184) }
```

Border

The CSS property to change the border of an element to XYZ 55.1395, 67.7985, 55.5277 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(182, 226, 184) }
```


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

```
.border{ border-color:rgb(182, 226, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1395, 67.7985, 55.5277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 184) }
```

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

```
.background{ background-color: rgb(182,  
226, 184) }
```

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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