

Converting Colors

XYZ(54.9601, 67.7026, 56.0175)

Have a look what the booklet for
XYZ(54.9601, 67.7026, 56.0175)
contains.

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Color

**XYZ(55.0094, 67.7193,
56.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E2B9
RGB	181, 226, 185
RGB Percent	71%, 89%, 73%
CMY	0.2902, 0.1137, 0.2745
CMYK	0.20, 0.00, 0.18, 0.11
HSL	125°, 44%, 80%
HSV	125°, 20%, 89%
XYZ	55.0094, 67.7193, 56.0708
YIQ	207.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

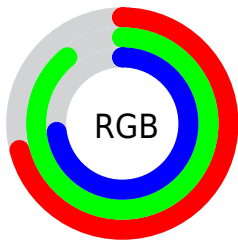
Format	Color
RYB	181, 222, 226
Decimal	11920057
CIELab	85.87, -22.40, 15.32
CIElCh	86, 27.137, 145.622
Yxy	67.7193, 0.3077, 0.3787
Android (android.graphics.Color)	4290110137 (0xFFB5E2B9)
YUV	207.8710, -11.2754, -23.5659
Hunter-Lab	82.2917, -24.6890, 17.2060

Details

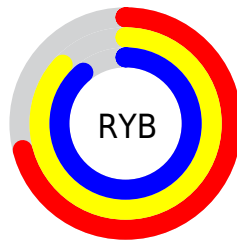
The XYZ color **55.0094, 67.7193, 56.0708** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61.0751, 54.4920, 76.4093**, and the grayscale version is **59.9493, 63.0713, 68.6846**.

A 20% lighter version of the original color is **86.5622, 95.8754, 97.1626**, and **27.4802, 35.3038, 27.1958** is the 20% darker color. If you saturate the color by 10%, you get **48.1152, 64.4004, 45.2112**, and if you desaturate by 10%, it is **63.0818, 71.6131, 68.6318**.

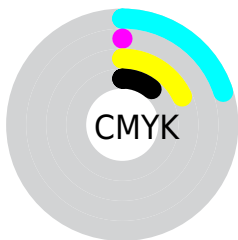
Distribution



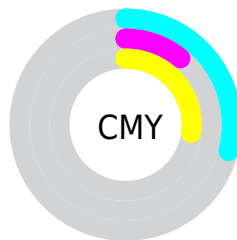
- Red (71%)
- Green (89%)
- Blue (73%)



- Red (71%)
- Yellow (87%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0094, 67.7193, 56.0708 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 55.0094, 67.7193, 56.0708 by changing the saturation by 10% instead.

■ 55.0094, 67.7193,
56.0708

■ 55.0094, 67.7193,
56.0708

396.0834,
452.5008, 427.3541

■ 39.6431, 49.6694,
39.8553

■ 96.7030, 115.9505,
100.5949

■ 27.4434, 35.1508,
27.1128

123.7610,
146.9006, 129.7406

■ 18.0448, 23.7791,
17.4248

155.4469,
182.9195, 164.0335

■ 11.0820, 15.1698,
10.3727

192.1262,
224.3917, 203.8921

■ 6.1897, 8.9386,
5.5379

234.1641,
271.7015, 249.7348

■ 3.0025, 4.7012,
2.5020


281.9260,

■ 1.1551, 2.0730,


325.2334, 301.9804


0.8412


335.7774,
385.3717, 361.0473

 0.0705, 0.6494,
0.0000


 0.0000, 0.0000,
0.0000


 55.0094, 67.7193,
56.0708


 55.0094, 67.7193,
56.0708


 48.1152, 64.4004,
45.2112


 63.0818, 71.6131,
68.6318

 42.3389, 61.6210,
35.9757

 72.3780, 76.0980,
82.9582

 37.6229, 59.3551,
28.2875

 82.9483, 81.2005,
99.1161

 33.9026, 57.5712,
22.0620

 86.4877, 82.8754,
106.0459

■ 31.1062, 56.2342,
17.2064

■ 29.1521, 55.3042,
13.6175

■ 27.9443, 54.7343,
11.1772

■ 27.3289, 54.4481,
9.7437

■ 27.3248, 54.4462,
9.7351

Harmonies

Analogous

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



59.3411, 67.7193, 47.0113



55.0094, 67.7193, 56.0708



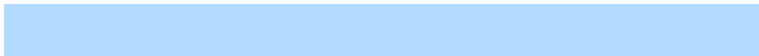
53.1841, 67.7193, 71.1566

Triad

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



55.0094, 67.7193, 56.0708



63.4585, 67.7193, 113.3334



75.7365, 67.7193, 59.9203

Complementary

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



55.0094, 67.7193, 56.0708



61.0751, 54.4920, 76.4093

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.



77.0128, 67.7193, 76.3746



55.0094, 67.7193, 56.0708



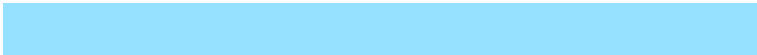
69.6651, 67.7193, 109.0451

Square

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



55.0094, 67.7193, 56.0708



57.8590, 67.7193, 105.6936



74.7258, 67.7193, 94.7662



71.3416, 67.7193, 48.9705

Rectangle

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



55.0094, 67.7193, 56.0708



53.5424, 67.7193, 83.3272



74.7258, 67.7193, 94.7662



76.5561, 67.7193, 64.9084

Sweetspot

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



55.0112, 67.7222, 56.0723



87.4796, 96.3473, 97.2524



65.7406, 73.3015, 54.4005



18.5556, 20.5409, 20.5558



0.0000, 0.0000, 0.0000



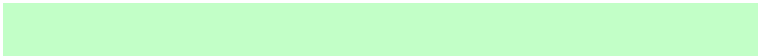
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0112, 67.7222, 56.0723



68.2936, 87.0976, 67.3913



57.5476, 68.7367, 69.4285



13.5780, 15.3569, 14.8130



15.6064, 31.0674, 5.6503



1.0990, 2.1603, 0.4827

Inverse Universe

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



61.0751, 54.4920, 76.4093



77.6736, 66.6291, 98.8477



58.2862, 53.3764, 61.7229



14.2397, 13.9135, 17.0325



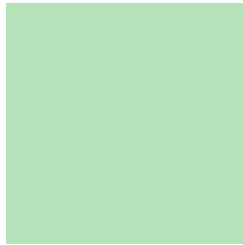
24.2654, 11.7732, 34.3931



1.6976, 0.8223, 2.4662

Previews

White Background



This preview shows how the XYZ color 55.0094, 67.7193, 56.0708 looks on a white background.

Color Contrast Check

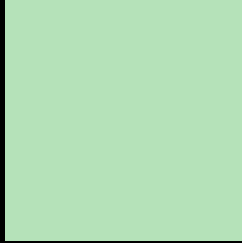
Large Text (above 18pt) WCAG AA × Fail

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 55.0094, 67.7193, 56.0708 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

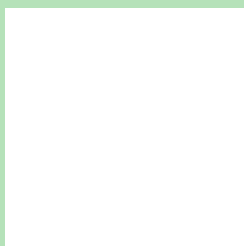
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0094, 67.7193, 56.0708

Background



This preview shows how black text looks on a background with the XYZ color 55.0094, 67.7193, 56.0708.

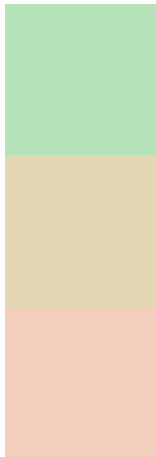


This preview shows how white text looks on a background with the XYZ color 55.0094, 67.7193,

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

55.0094, 67.7193, 56.0708

Protanopia

63.5473, 67.5166, 52.3305

Deuteranopia

68.5648, 67.0498, 57.4723



Tritanopia

61.7070, 67.6663, 89.1655

Trichromacy



Original Color

55.0094, 67.7193, 56.0708

Protanomaly

59.9902, 67.1806, 53.5214

Deuteranomaly

62.6901, 66.5915, 57.1263

Tritanomaly

59.1392, 67.8171, 75.6187

Monochromacy



Original Color

55.0094, 67.7193, 56.0708

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.0145, 64.7768, 64.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0094, 67.7193, 56.0708 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(181, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 185)  
}
```

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(181, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 185) }
```

Border

The CSS property to change the border of an element to XYZ 55.0094, 67.7193, 56.0708 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(181, 226, 185) }
```


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

```
.border{ border-color:rgb(181, 226, 185) }
```

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

Here you see how a box with a 4 pixel rgb(181, 226, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0094, 67.7193, 56.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 185) }
```

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

```
.background{ background-color: rgb(181,  
226, 185) }
```

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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