

Converting Colors

XYZ(55.7322, 73.7335, 68.0898)

Have a look what the booklet for
XYZ(55.7322, 73.7335, 68.0898)
contains.

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Color

**XYZ(55.6499, 73.6999,
67.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	9CF0CB
RGB	156, 240, 203
RGB Percent	61%, 94%, 80%
CMY	0.3882, 0.0588, 0.2039
CMYK	0.35, 0.00, 0.15, 0.06
HSL	154°, 74%, 78%
HSV	154°, 35%, 94%
XYZ	55.6499, 73.6999, 67.7924
YIQ	210.6660, -38.1870, -29.3150

Conversions

Conversions Part 2

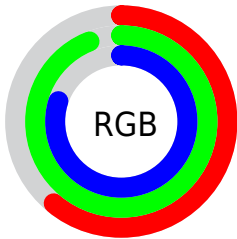
Format	Color
RYB	156, 210, 240
Decimal	10285259
CIELab	88.78, -33.35, 9.88
CIELCh	89, 34.780, 163.504
Yxy	73.6999, 0.2823, 0.3738
Android (android.graphics.Color)	4288475339 (0xFF9CF0CB)
YUV	210.6660, -3.7793, -47.9421
Hunter-Lab	85.8486, -34.5256, 13.2743

Details

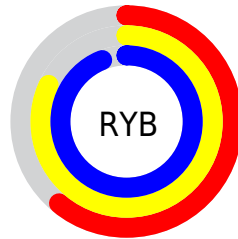
The XYZ color **55.6499, 73.6999, 67.7924** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.4518, 46.1543, 56.3356**, and the grayscale version is **61.7404, 64.9557, 70.7367**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **27.9321, 39.2176, 34.5313** is the 20% darker color. If you saturate the color by 10%, you get **50.2396, 71.0534, 61.1860**, and if you desaturate by 10%, it is **62.0678, 76.8598, 74.8976**.

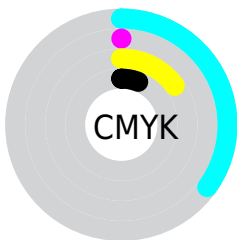
Distribution



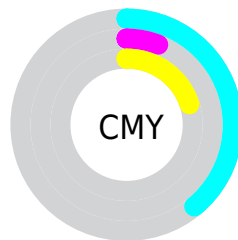
- Red (61%)
- Green (94%)
- Blue (80%)



- Red (61%)
- Yellow (82%)
- Blue (94%)



- Cyan (35%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)





- Cyan (39%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6499, 73.6999, 67.7924 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 55.6499, 73.6999, 67.7924 by changing the saturation by 10% instead.


 55.6499, 73.6999,
67.7924


 55.6499, 73.6999,
67.7924

398.4672,
473.4370, 471.3382

 40.1582, 54.5485,
49.2632


 97.6353, 124.4703,
117.7065

 27.8467, 39.0403,
34.4613


 124.8597,
156.8580, 149.9285

 18.3500, 26.7911,
22.9680

156.7257,
194.4267, 187.5519

 11.3027, 17.4164,
14.3648

193.5987,
237.5606, 230.9952

 6.3396, 10.5318,
8.2332

235.8439,
286.6442, 280.6769

 3.0953, 5.7530,
4.1546

283.8269,

 1.2044, 2.6955,

342.0619, 337.0156

1.7105

337.9129,
404.1980, 400.4299

■ 0.1098, 0.9749,
0.3679

■ 0.0000, 0.0000,
0.0000

■ 55.6499, 73.6999,
67.7924

■ 55.6499, 73.6999,
67.7924

■ 50.2396, 71.0534,
61.1860

■ 62.0678, 76.8598,
74.8976

■ 45.7748, 68.8826,
55.0620

■ 69.5386, 80.5505,
82.5077

■ 42.1956, 67.1589,
49.4100

■ 78.1123, 84.7993,
90.6350

■ 39.4327, 65.8467,
44.2173

■ 87.8337, 89.6294,
99.2897

■ 37.4054, 64.9045,
39.4703

■ 90.4514, 90.8029,
107.3671

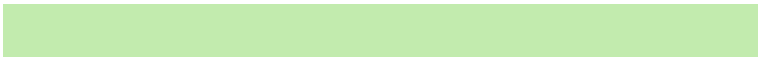
■ 36.0150, 64.2818,
35.1542

■ 35.4843, 64.0520,
33.1512

Harmonies

Analogous

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



59.4891, 73.6999, 51.1051



55.6499, 73.6999, 67.7924



55.4625, 73.6999, 91.5632

Triad

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



55.6499, 73.6999, 67.7924



73.8969, 73.6999, 134.2762



82.4557, 73.6999, 52.3824

Complementary

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



55.6499, 73.6999, 67.7924



57.4518, 46.1543, 56.3356

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.



86.9932, 73.6999, 69.9032



55.6499, 73.6999, 67.7924



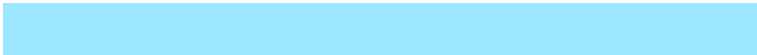
81.7912, 73.6999, 118.7771

Square

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



55.6499, 73.6999, 67.7924



65.5540, 73.6999, 133.3952



86.7407, 73.6999, 94.1398



74.7461, 73.6999, 43.5053

Rectangle

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



55.6499, 73.6999, 67.7924



57.4030, 73.6999, 108.6454



86.7407, 73.6999, 94.1398



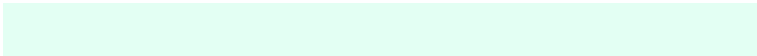
84.4291, 73.6999, 57.2855

Sweetspot

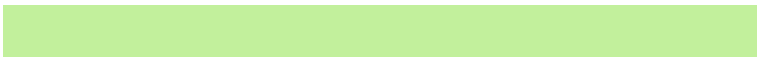
The Sweet Spot groups the original color and five complimentary colors.



55.6519, 73.7029, 67.7941



83.5467, 94.2923, 98.3094



59.3601, 76.1666, 43.0266



17.6025, 20.0438, 20.7737



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.



55.6519, 73.7029, 67.7941



59.3180, 82.3519, 72.3295



59.3788, 73.2381, 93.4484



15.9362, 17.8045, 18.6871



19.4919, 35.0888, 18.5052



1.6715, 2.9390, 1.8025

Inverse Universe

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



57.4518, 46.1543, 56.3356



61.6733, 46.3521, 57.3718



54.5436, 46.1383, 37.4844



16.0620, 15.8745, 17.8830



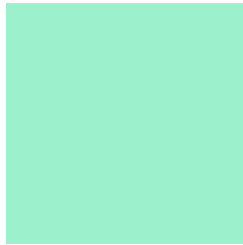
21.1520, 10.7332, 8.7169



1.8089, 0.9126, 0.9843

Previews

White Background



This preview shows how the XYZ color 55.6499, 73.6999, 67.7924 looks on a white background.

Color Contrast Check

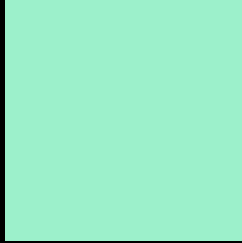
Large Text (above 18pt) WCAG AA × Fail

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 55.6499, 73.6999, 67.7924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

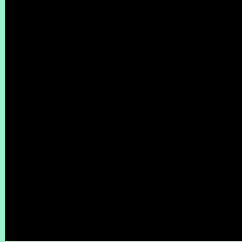
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6499, 73.6999, 67.7924

Background



This preview shows how black text looks on a background with the XYZ color 55.6499, 73.6999, 67.7924.



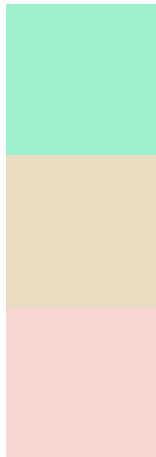
This preview shows how white text looks on a background with the XYZ color 55.6499, 73.6999, 67.7924.

67.7924.

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

55.6499, 73.6999, 67.7924

Protanopia

68.7608, 72.7190, 60.8642

Deuteranopia

74.1431, 72.6037, 69.7807



Tritanopia

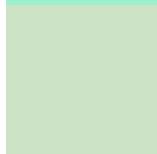
62.6460, 73.5216, 102.9848

Trichromacy



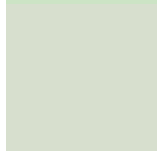
Original Color

55.6499, 73.6999, 67.7924



Protanomaly

62.7233, 72.3554, 63.4834



Deuteranomaly

65.5526, 71.6787, 68.7729



Tritanomaly

59.9510, 73.7179, 88.9111

Monochromacy



Original Color

55.6499, 73.6999, 67.7924



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.9923, 67.8730, 69.6661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6499, 73.6999, 67.7924 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(156, 240, 203)` looks like.

```
.text, #text, p{  
    color:rgb(156, 240, 203)  
}
```

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(156, 240, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 240, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.6499, 73.6999, 67.7924 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(156, 240, 203) }
```


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

```
.border{ border-color:rgb(156, 240, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 240, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 240, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 240, 203);  
box-shadow:4px 4px 4px 4px rgb(156, 240,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6499, 73.6999, 67.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 240, 203) }
```

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

```
.background{ background-color: rgb(156,  
240, 203) }
```

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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