

Converting Colors

XYZ(55.7361, 72.3881, 72.2986)

Have a look what the booklet for
XYZ(55.7361, 72.3881, 72.2986)
contains.

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Color

**XYZ(55.6273, 72.2894,
71.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	9CEDD2
RGB	156, 237, 210
RGB Percent	61%, 93%, 82%
CMY	0.3882, 0.0706, 0.1765
CMYK	0.34, 0.00, 0.11, 0.07
HSL	160°, 69%, 77%
HSV	160°, 34%, 93%
XYZ	55.6273, 72.2894, 71.9942
YIQ	209.7030, -39.6090, -25.5690

Conversions

Conversions Part 2

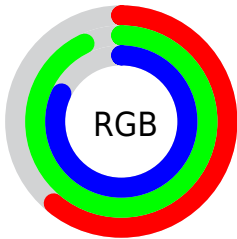
Format	Color
RYB	156, 205, 237
Decimal	10284498
CIELab	88.11, -30.51, 5.26
CIELCh	88, 30.955, 170.220
Yxy	72.2894, 0.2783, 0.3616
Android (android.graphics.Color)	4288474578 (0xFF9CEDD2)
YUV	209.7030, 0.1464, -47.0975
Hunter-Lab	85.0232, -32.0051, 9.3118

Details

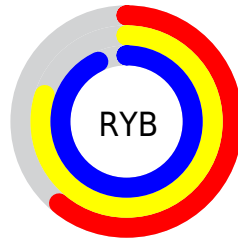
The XYZ color **55.6273, 72.2894, 71.9942** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.3632, 45.2021, 50.6093**, and the grayscale version is **61.0831, 64.2641, 69.9837**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **27.8915, 38.2147, 37.3586** is the 20% darker color. If you saturate the color by 10%, you get **50.5211, 69.7699, 66.7442**, and if you desaturate by 10%, it is **61.6809, 75.2955, 77.5454**.

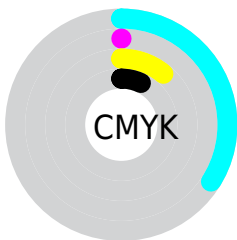
Distribution



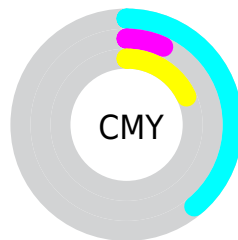
- Red (61%)
- Green (93%)
- Blue (82%)



- Red (61%)
- Yellow (80%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)





- Cyan (39%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6273, 72.2894, 71.9942 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 55.6273, 72.2894, 71.9942 by changing the saturation by 10% instead.


 55.6273, 72.2894,
71.9942


 55.6273, 72.2894,
71.9942


398.3833,
468.5483, 486.4984

 40.1400, 53.3951,
52.6671


 97.6024, 122.4679,
123.7559

 27.8324, 38.1183,
37.1512


 124.8210,
154.5209, 157.0277

 18.3392, 26.0745,
25.0279


156.6806,
191.7289, 195.7847

 11.2949, 16.8794,
15.8786

193.5468,
234.4764, 240.4456

 6.3343, 10.1485,
9.2849

235.7847,
283.1476, 291.4289

 3.0920, 5.4976,
4.8281


283.7599,


 1.2026, 2.5420,


338.1271, 349.1531


2.0898


337.8376,
399.7992, 414.0367


 0.1084, 0.8976,
0.6097


 0.0000, 0.0000,
0.0000


 55.6273, 72.2894,
71.9942


 55.6273, 72.2894,
71.9942


 50.5211, 69.7699,
66.7442


 61.6809, 75.2955,
77.5454


 46.3034, 67.7010,
61.7842

 68.7245, 78.8043,
83.3986

 42.9176, 66.0556,
57.1097

 76.8055, 82.8422,
89.5612

 40.2983, 64.7998,
52.7136

 85.9663, 87.4309,
96.0384

■ 38.3694, 63.8948,
48.5885

■ 88.7033, 88.7021,
102.4824

■ 37.0383, 63.2927,
44.7262

■ 89.5755, 89.0509,
107.0752

■ 36.4568, 63.0395,
42.5930

Harmonies

Analogous

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



58.3504, 72.2894, 55.4242



55.6273, 72.2894, 71.9942



56.2110, 72.2894, 93.6414

Triad

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



55.6273, 72.2894, 71.9942



73.7416, 72.2894, 123.4416



78.2144, 72.2894, 51.3796

Complementary

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



55.6273, 72.2894, 71.9942



55.3632, 45.2021, 50.6093

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.



82.9342, 72.2894, 65.4582



55.6273, 72.2894, 71.9942



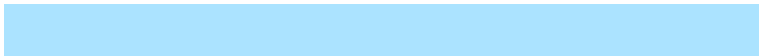
80.2261, 72.2894, 107.7479

Square

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



55.6273, 72.2894, 71.9942



66.3218, 72.2894, 126.0486



83.6957, 72.2894, 85.8328



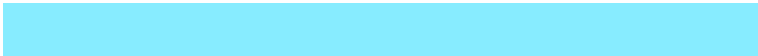
71.1526, 72.2894, 45.0138

Rectangle

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



55.6273, 72.2894, 71.9942



58.4134, 72.2894, 108.0437



83.6957, 72.2894, 85.8328



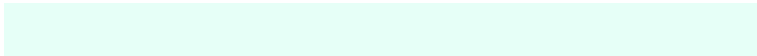
80.1482, 72.2894, 55.2347

Sweetspot

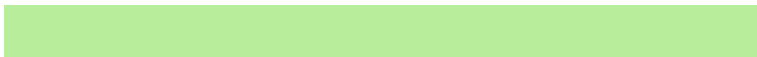
The Sweet Spot groups the original color and five complimentary colors.



55.6293, 72.2923, 71.9958



84.9442, 94.9449, 101.4404



56.1383, 73.2053, 42.6248



17.8994, 20.1812, 21.4944



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.



55.6293, 72.2923, 71.9958



61.3585, 83.2219, 80.6422



55.8833, 66.9544, 90.1023



15.2918, 17.0315, 18.2195



19.9666, 34.4411, 23.5870



1.6122, 2.7222, 2.0855

Inverse Universe

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



55.3632, 45.2021, 50.6093



61.0072, 46.7322, 51.8713



54.9583, 48.4673, 37.9120



15.2726, 15.1369, 16.7207



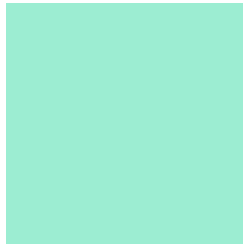
19.8928, 10.1598, 5.2368



1.6052, 0.8151, 0.6386

Previews

White Background



This preview shows how the XYZ color 55.6273, 72.2894, 71.9942 looks on a white background.

Color Contrast Check

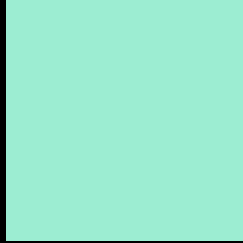
Large Text (above 18pt) WCAG AA × Fail

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 55.6273, 72.2894, 71.9942 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 55.6273, 72.2894, 71.9942

Background



This preview shows how black text looks on a background with the XYZ color 55.6273, 72.2894, 71.9942.



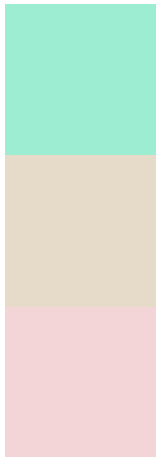
This preview shows how white text looks on a background with the XYZ color 55.6273, 72.2894,

71.9942.

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

55.6273, 72.2894, 71.9942

Protanopia

68.0699, 71.4912, 64.8551

Deuteranopia

73.0221, 71.5495, 74.2517



Tritanopia

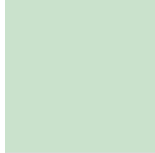
61.3483, 72.0533, 101.1168

Trichromacy



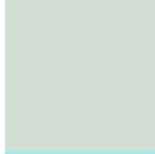
Original Color

55.6273, 72.2894, 71.9942



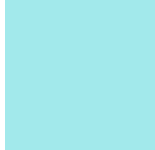
Protanomaly

62.4526, 71.3089, 67.5991



Deuteranomaly

64.9955, 70.8955, 73.2094



Tritanomaly

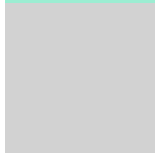
59.0346, 71.9574, 89.3750

Monochromacy



Original Color

55.6273, 72.2894, 71.9942



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.4613, 66.7867, 70.7827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6273, 72.2894, 71.9942 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, 237, 210)` looks like.

```
.text, #text, p{  
    color:rgb(156, 237, 210)  
}
```

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, 237, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 237, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.6273, 72.2894, 71.9942 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, 237, 210) }
```


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

```
.border{ border-color:rgb(156, 237, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 237, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 237, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 237, 210);  
box-shadow:4px 4px 4px 4px rgb(156, 237,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6273, 72.2894, 71.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 237, 210) }
```

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

```
.background{ background-color: rgb(156,  
237, 210) }
```

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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