

Converting Colors

XYZ(55.2179, 70.5055, 88.7057)

Have a look what the booklet for
XYZ(55.2179, 70.5055, 88.7057)
contains.

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Color

**XYZ(55.0893, 70.3616,
88.5195)**

Conversions

Conversions Part 1

Format	Color
Hex	8CEAEA
RGB	140, 234, 234
RGB Percent	55%, 92%, 92%
CMY	0.4510, 0.0823, 0.0823
CMYK	0.40, 0.00, 0.00, 0.08
HSL	180°, 69%, 73%
HSV	180°, 40%, 92%
XYZ	55.0893, 70.3616, 88.5195
YIQ	205.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

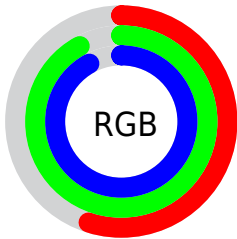
Format	Color
RYB	140, 187, 234
Decimal	9235178
CIELab	87.17, -27.83, -8.78
CIELCh	87, 29.184, 197.501
Yxy	70.3616, 0.2575, 0.3288
Android (android.graphics.Color)	4287425258 (0xFF8CEAEA)
YUV	205.8940, 13.8563, -57.7890
Hunter-Lab	83.8818, -29.5635, -3.8508

Details

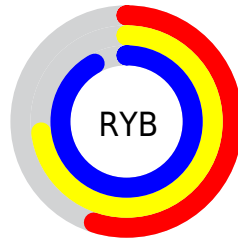
The XYZ color **55.0893, 70.3616, 88.5195** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.0458, 38.1441, 29.6437**, and the grayscale version is **58.5400, 61.5886, 67.0700**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **27.4360, 36.8490, 47.7860** is the 20% darker color. If you saturate the color by 10%, you get **51.5584, 68.5430, 88.3553**, and if you desaturate by 10%, it is **59.4628, 72.6179, 88.7262**.

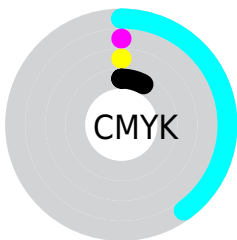
Distribution



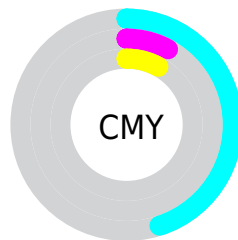
- Red (55%)
- Green (92%)
- Blue (92%)



- Red (55%)
- Yellow (73%)
- Blue (92%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0893, 70.3616, 88.5195 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 55.0893, 70.3616, 88.5195 by changing the saturation by 10% instead.

55.0893, 70.3616,
88.5195

55.0893, 70.3616,
88.5195

396.3813,
461.8186, 543.6483

39.7073, 51.8214,
66.1866

96.8193, 119.7243,
147.1977

27.4936, 36.8627,
47.9665

123.8981,
151.3155, 184.3801

18.0828, 25.1012,
33.4405

155.6066,
188.0259, 227.3493

11.1095, 16.1525,
22.1903

192.3101,
230.2398, 276.5241

6.2084, 9.6321,
13.7971

234.3739,
278.3416, 332.3228

3.0141, 5.1557,
7.8426

282.1635,

1.1612, 2.3389,

332.7158, 395.1641

3.9080

336.0442,
393.7467, 465.4664

■ 0.0754, 0.7942,
1.5750

■ 0.0000, 0.0000,
0.2729

■ 55.0893, 70.3616,
88.5195

■ 55.0893, 70.3616,
88.5195

■ 51.5584, 68.5430,
88.3553

■ 59.4628, 72.6179,
88.7262

■ 48.8101, 67.1263,
88.2262

■ 64.7215, 75.3288,
88.9728

■ 46.7868, 66.0832,
88.1311

■ 70.9126, 78.5205,
89.2630

■ 45.4201, 65.3787,
88.0666

■ 78.0782, 82.2145,
89.5988

■ 44.6284, 64.9706,
88.0291

■ 85.5159, 86.0487,
89.9473

■ 44.2749, 64.7883,
88.0121

■ 85.5160, 86.0488,
89.9478

■ 85.5161, 86.0488,
89.9483

■ 85.5162, 86.0489,
89.9488

■ 85.5163, 86.0489,
89.9492

Harmonies

Analogous

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



54.8284, 70.3616, 68.7372



55.0893, 70.3616, 88.5195



58.3703, 70.3616, 107.9109

Triad

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



55.0893, 70.3616, 88.5195



77.0611, 70.3616, 105.0138



69.7668, 70.3616, 45.3802

Complementary

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



55.0893, 70.3616, 88.5195



48.0458, 38.1441, 29.6437

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.



76.1716, 70.3616, 52.0382



55.0893, 70.3616, 88.5195



80.5719, 70.3616, 85.0660

Square

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



55.0893, 70.3616, 88.5195



70.9145, 70.3616, 118.4938



80.2357, 70.3616, 65.8230



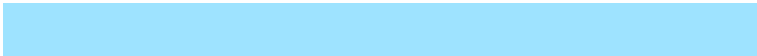
62.9949, 70.3616, 45.9835

Rectangle

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



55.0893, 70.3616, 88.5195



61.9637, 70.3616, 116.9958



80.2357, 70.3616, 65.8230



72.0425, 70.3616, 46.7885

Sweetspot

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



55.0914, 70.3644, 88.5211



84.6745, 94.6512, 108.4137



45.2397, 66.4544, 35.2551



17.9045, 20.1462, 23.1947



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.



55.0914, 70.3644, 88.5211



63.4193, 83.6938, 107.4169



43.7732, 47.7273, 84.7502



15.5177, 17.1219, 19.4091



24.8792, 36.4061, 49.4562



1.9536, 2.8588, 3.8835

Inverse Universe

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



48.0458, 38.1441, 29.6437



53.7791, 39.6082, 26.8576



56.1076, 54.2679, 32.3301



15.0655, 15.0541, 15.6305



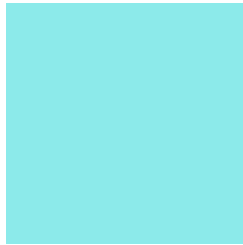
19.0678, 9.8298, 0.8925



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 55.0893, 70.3616, 88.5195 looks on a white background.

Color Contrast Check

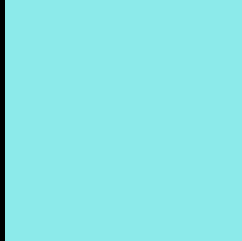
Large Text (above 18pt) WCAG AA × Fail

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 55.0893, 70.3616, 88.5195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

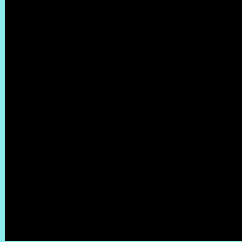
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0893, 70.3616, 88.5195

Background



This preview shows how black text looks on a background with the XYZ color 55.0893, 70.3616, 88.5195.

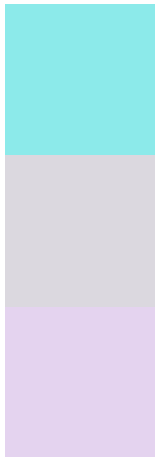


This preview shows how white text looks on a background with the XYZ color 55.0893, 70.3616,

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

55.0893, 70.3616, 88.5195

Protanopia

67.0886, 69.4995, 79.6908

Deuteranopia

70.8692, 69.3145, 91.3052



Tritanopia

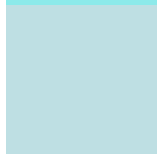
57.7890, 70.6351, 101.0306

Trichromacy



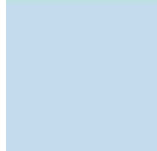
Original Color

55.0893, 70.3616, 88.5195



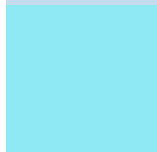
Protanomaly

61.4880, 69.2686, 82.8024



Deuteranomaly

63.3825, 68.5132, 90.0045



Tritanomaly

56.7957, 70.6491, 96.2311

Monochromacy



Original Color

55.0893, 70.3616, 88.5195



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.2419, 64.0147, 74.3576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0893, 70.3616, 88.5195 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(140, 234, 234)` looks like.

```
.text, #text, p{  
    color:rgb(140, 234, 234)  
}
```

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(140, 234, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 234, 234) }
```

Border

The CSS property to change the border of an element to XYZ 55.0893, 70.3616, 88.5195 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(140, 234, 234) }
```


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

```
.border{ border-color:rgb(140, 234, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 234, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 234, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 234, 234);  
box-shadow:4px 4px 4px 4px rgb(140, 234,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0893, 70.3616, 88.5195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 234, 234) }
```

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

```
.background{ background-color: rgb(140,  
234, 234) }
```

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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