

Converting Colors

XYZ(55.2676, 63.7983, 71.9052)

Have a look what the booklet for
XYZ(55.2676, 63.7983, 71.9052)
contains.

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Color

**XYZ(55.2869, 63.9629,
71.7195)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D9D4
RGB	179, 217, 212
RGB Percent	70%, 85%, 83%
CMY	0.2980, 0.1490, 0.1686
CMYK	0.18, 0.00, 0.02, 0.15
HSL	172°, 33%, 78%
HSV	172°, 18%, 85%
XYZ	55.2869, 63.9629, 71.7195
YIQ	205.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

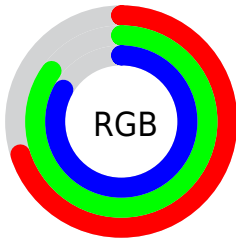
Format	Color
RYB	179, 199, 217
Decimal	11786708
CIELab	83.95, -13.42, -1.69
CIELCh	84, 13.531, 187.194
Yxy	63.9629, 0.2895, 0.3349
Android (android.graphics.Color)	4289976788 (0xFFB3D9D4)
YUV	205.0680, 3.4175, -22.8616
Hunter-Lab	79.9768, -16.5648, 2.8152

Details

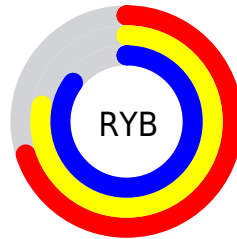
The XYZ color **55.2869, 63.9629, 71.7195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.3894, 50.4543, 52.2748**, and the grayscale version is **58.0616, 61.0853, 66.5219**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.6103, 32.7106, 36.7568** is the 20% darker color. If you saturate the color by 10%, you get **50.3041, 61.4372, 69.6228**, and if you desaturate by 10%, it is **61.0690, 66.9034, 73.8896**.

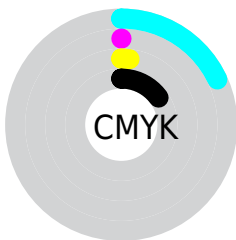
Distribution



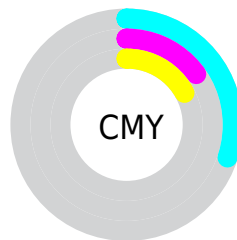
- Red (70%)
- Green (85%)
- Blue (83%)



- Red (70%)
- Yellow (78%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (30%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2869, 63.9629, 71.7195 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 55.2869, 63.9629, 71.7195 by changing the saturation by 10% instead.

■ 55.2869, 63.9629,
71.7195

■ 55.2869, 63.9629,
71.7195

397.1173,
439.0557, 485.5160

■ 39.8662, 46.6206,
52.4441

■ 97.1071, 110.5575,
123.3617

■ 27.6180, 32.7358,
36.9745

124.2372,
140.5786, 156.5655

■ 18.1769, 21.9242,
24.8921

156.0013,
175.5948, 195.2493

■ 11.1775, 13.8012,
15.7784

192.7646,
215.9905, 239.8316

■ 6.2545, 7.9825,
9.2148

234.8925,
262.1500, 290.7308

■ 3.0426, 4.0838,
4.7829

282.7503,

■ 1.1763, 1.7205,

314.4578, 348.3656

2.0639

336.7035,
373.2982, 413.1545

■ 0.0876, 0.4369,
0.5942

■ 0.0000, 0.0000,
0.0000

■ 55.2869, 63.9629,
71.7195

■ 55.2869, 63.9629,
71.7195

■ 50.3041, 61.4372,
69.6228

■ 61.0690, 66.9034,
73.8896

■ 46.0783, 59.2992,
67.5933

■ 67.6794, 70.2684,
76.1306

■ 42.5715, 57.5312,
65.6304

■ 75.1523, 74.0773,
78.4455

■ 39.7402, 56.1107,
63.7319

■ 79.4313, 76.2390,
80.6448

■ 37.5365, 55.0130,
61.8954

■ 79.8208, 76.3948,
82.6960

■ 35.9055, 54.2099,
60.1182

■ 80.2168, 76.5532,
84.7816

■ 34.7835, 53.6684,
58.3970

■ 80.6195, 76.7142,
86.9018

■ 34.0829, 53.3434,
56.7276

■ 81.0287, 76.8779,
89.0568

■ 33.9382, 53.2778,
56.3186

■ 81.4446, 77.0443,
91.2467

Harmonies

Analogous

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



55.6658, 63.9629, 63.4775



55.2869, 63.9629, 71.7195



56.3449, 63.9629, 80.0403

Triad

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



55.2869, 63.9629, 71.7195



64.3238, 63.9629, 83.5475



63.0423, 63.9629, 55.5901

Complementary

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



55.2869, 63.9629, 71.7195



53.3894, 50.4543, 52.2748

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.



65.4730, 63.9629, 60.1907



55.2869, 63.9629, 71.7195



66.2296, 63.9629, 76.1990

Square

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



55.2869, 63.9629, 71.7195



61.5150, 63.9629, 87.2217



66.6569, 63.9629, 67.6104



60.0803, 63.9629, 54.6036

Rectangle

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



55.2869, 63.9629, 71.7195



57.7438, 63.9629, 84.3636



66.6569, 63.9629, 67.6104



63.9515, 63.9629, 56.7458

Sweetspot

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



55.2887, 63.9655, 71.7209



90.2447, 97.5539, 107.2706



52.7346, 63.0817, 52.0454



19.1768, 20.8097, 22.9118



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.



55.2887, 63.9655, 71.7209



76.9041, 90.7742, 102.2343



52.4883, 57.3390, 73.9499



13.3673, 14.7985, 16.3969



20.5716, 32.2613, 34.2390



1.3537, 2.0984, 2.3285

Inverse Universe

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



53.3894, 50.4543, 52.2748



73.6785, 67.8221, 69.2051



55.8094, 56.1189, 50.5394



13.1255, 13.0793, 13.9220



17.4751, 8.9911, 1.6160



1.1553, 0.5918, 0.2269

Previews

White Background



This preview shows how the XYZ color 55.2869, 63.9629, 71.7195 looks on a white background.

Color Contrast Check

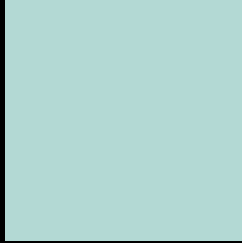
Large Text (above 18pt) WCAG AA × Fail

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 55.2869, 63.9629, 71.7195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

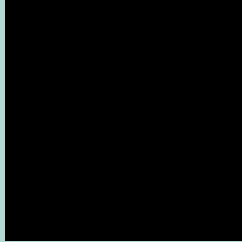
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2869, 63.9629, 71.7195

Background



This preview shows how black text looks on a background with the XYZ color 55.2869, 63.9629, 71.7195.



This preview shows how white text looks on a background with the XYZ color 55.2869, 63.9629,

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

55.2869, 63.9629, 71.7195

Protanopia

61.2589, 63.7629, 68.1103

Deuteranopia

64.7503, 63.3161, 73.0985



Tritanopia

57.9988, 63.9299, 84.8842

Trichromacy



Original Color

55.2869, 63.9629, 71.7195

Protanomaly

58.8903, 63.6095, 69.4956

Deuteranomaly

60.7449, 63.0360, 72.5839

Tritanomaly

57.0464, 63.9278, 79.8536

Monochromacy



Original Color

55.2869, 63.9629, 71.7195

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9506, 61.8908, 68.6190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2869, 63.9629, 71.7195 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(179, 217, 212)` looks like.

```
.text, #text, p{  
    color:rgb(179, 217, 212)  
}
```

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(179, 217, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 217, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.2869, 63.9629, 71.7195 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(179, 217, 212) }
```


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

```
.border{ border-color:rgb(179, 217, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 217, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 217, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 217, 212);  
box-shadow:4px 4px 4px 4px rgb(179, 217,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2869, 63.9629, 71.7195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 217, 212) }
```

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

```
.background{ background-color: rgb(179,  
217, 212) }
```

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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