

Converting Colors

XYZ(55.0779, 63.2606, 81.2591)

Have a look what the booklet for
XYZ(55.0779, 63.2606, 81.2591)
contains.

XYZ(55.0779, 63.2606, 81.2591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.0779, 63.2606,
81.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD8E2
RGB	171, 216, 226
RGB Percent	67%, 85%, 89%
CMY	0.3294, 0.1529, 0.1137
CMYK	0.24, 0.04, 0.00, 0.11
HSL	191°, 49%, 78%
HSV	191°, 24%, 89%
XYZ	55.0779, 63.2606, 81.2591
YIQ	203.6850, -30.0300, -6.4300

Conversions

Conversions Part 2

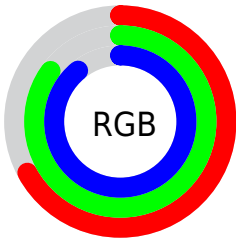
Format	Color
R _{YB}	171, 196, 226
Decimal	11262178
CIE Lab	83.58, -12.37, -9.72
CIE LCh	84, 15.733, 218.175
Yxy	63.2606, 0.2759, 0.3169
Android (android.graphics.Color)	4289452258 (0xFFABD8E2)
YUV	203.6850, 11.0013, -28.6647
Hunter-Lab	79.5365, -15.5803, -4.8985

Details

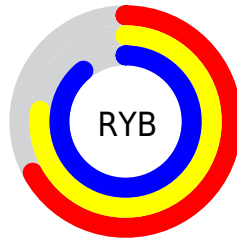
The XYZ color **55.0779, 63.2606, 81.2591** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.2393, 52.1571, 45.6853**, and the grayscale version is **57.1436, 60.1195, 65.4701**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **27.4317, 32.2119, 43.2998** is the 20% darker color. If you saturate the color by 10%, you get **49.5309, 58.8596, 80.7030**, and if you desaturate by 10%, it is **61.4967, 68.1533, 81.8662**.

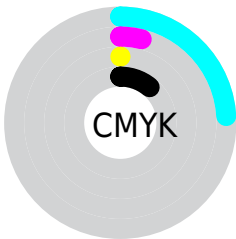
Distribution



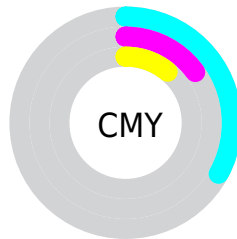
- Red (67%)
- Green (85%)
- Blue (89%)



- Red (67%)
- Yellow (77%)
- Blue (89%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0779, 63.2606, 81.2591 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 55.0779, 63.2606, 81.2591 by changing the saturation by 10% instead.

■ 55.0779, 63.2606,
81.2591

■ 55.0779, 63.2606,
81.2591

396.3388,
436.5146, 518.9843

■ 39.6982, 46.0521,
60.2228

■ 96.8027, 109.5454,
136.9619

■ 27.4865, 32.2869,
43.1717

123.8786,
139.3904, 172.4654

■ 18.0774, 21.5807,
29.6875

155.5838,
174.2164, 213.6284

■ 11.1056, 13.5492,
19.3515

192.2838,
214.4078, 260.8693

■ 6.2057, 7.8078,
11.7451

234.3440,
260.3489, 314.6069

■ 3.0124, 3.9722,
6.4500

282.1296,

■ 1.1603, 1.6580,

312.4241, 375.2595

3.0474

336.0061,
371.0179, 443.2458

■ 0.0747, 0.3963,
1.1189

■ 0.0000, 0.0000,
0.0000

■ 55.0779, 63.2606,
81.2591

■ 55.0779, 63.2606,
81.2591

■ 49.5309, 58.8596,
80.7030

■ 61.4967, 68.1533,
81.8662

■ 44.8070, 54.9201,
80.1916

■ 68.8215, 73.5508,
82.5220

■ 40.8613, 51.4203,
79.7240

■ 77.0917, 79.4752,
83.2296

■ 37.6422, 48.3333,
79.2979

■ 83.9473, 84.7104,
83.8788

■ 35.0919, 45.6290,
78.9103

■ 85.1202, 87.0561,
84.2697

■ 33.1430, 43.2723,
78.5581

■ 86.3203, 89.4563,
84.6698

■ 31.7136, 41.2209,
78.2375

■ 87.5478, 91.9113,
85.0789

■ 31.0600, 40.1557,
78.0663

■ 88.8028, 94.4214,
85.4973

■ 90.0857, 96.9871,
85.9249

Harmonies

Analogous

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



53.8172, 63.2606, 71.6080



55.0779, 63.2606, 81.2591



57.7026, 63.2606, 87.9965

Triad

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



55.0779, 63.2606, 81.2591



66.4765, 63.2606, 76.1623



59.1920, 63.2606, 51.7853

Complementary

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



55.0779, 63.2606, 81.2591



55.2393, 52.1571, 45.6853

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.



62.6190, 63.2606, 52.7544



55.0779, 63.2606, 81.2591



66.9123, 63.2606, 66.2223

Square

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



55.0779, 63.2606, 81.2591



64.3072, 63.2606, 84.8641



65.4763, 63.2606, 57.8267



56.1326, 63.2606, 55.0407

Rectangle

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



55.0779, 63.2606, 81.2591



59.9170, 63.2606, 89.5927



65.4763, 63.2606, 57.8267



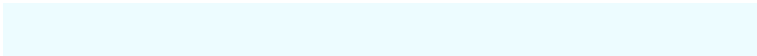
60.3381, 63.2606, 51.6343

Sweetspot

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



55.0798, 63.2632, 81.2605



87.7588, 94.7176, 108.2647



52.2474, 66.3539, 53.3243



18.6556, 20.1794, 23.1617



0.0000, 0.0000, 0.0000



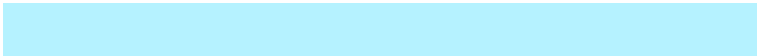
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0798, 63.2632, 81.2605



68.7385, 80.2912, 106.4826



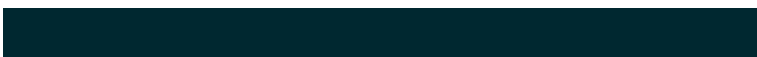
48.7927, 50.6891, 79.1649



13.8936, 15.1264, 17.5751



17.7998, 23.0691, 44.5630



1.2897, 1.7108, 3.1075

Inverse Universe

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



58.3231, 50.2539, 71.5946



73.7347, 60.7124, 91.4891



61.1906, 64.0596, 47.6691



14.1825, 13.8906, 16.7314



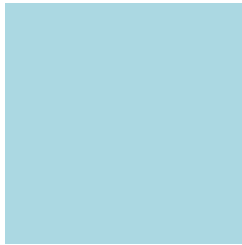
22.9247, 11.2369, 27.3330



1.6172, 0.7902, 2.0431

Previews

White Background



This preview shows how the XYZ color 55.0779, 63.2606, 81.2591 looks on a white background.

Color Contrast Check

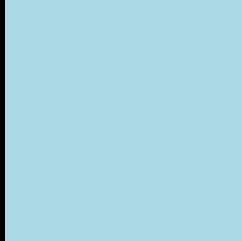
Large Text (above 18pt) WCAG AA × Fail

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 55.0779, 63.2606, 81.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

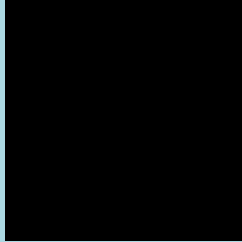
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0779, 63.2606, 81.2591

Background



This preview shows how black text looks on a background with the XYZ color 55.0779, 63.2606, 81.2591.



This preview shows how white text looks on a background with the XYZ color 55.0779, 63.2606,

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

55.0779, 63.2606, 81.2591

Protanopia

61.0020, 62.7198, 76.6011

Deuteranopia

64.1768, 62.8036, 82.8686



Tritanopia

55.8792, 63.1977, 85.5972

Trichromacy



Original Color

55.0779, 63.2606, 81.2591

Protanomaly

58.7371, 62.9692, 78.1657

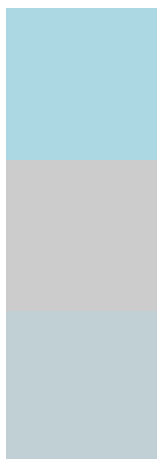
Deuteranomaly

60.4038, 62.6446, 82.3068

Tritanomaly

55.5966, 63.0847, 84.1092

Monochromacy



Original Color

55.0779, 63.2606, 81.2591

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.1778, 61.0717, 71.1145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0779, 63.2606, 81.2591 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(171, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(171, 216, 226)  
}
```

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(171, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 216, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.0779, 63.2606, 81.2591 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(171, 216, 226) }
```


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

```
.border{ border-color:rgb(171, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(171, 216,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0779, 63.2606, 81.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 216, 226) }
```

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

```
.background{ background-color: rgb(171,  
216, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor