

Converting Colors

XYZ(56.0805, 62.4002, 80.4305)

Have a look what the booklet for
XYZ(56.0805, 62.4002, 80.4305)
contains.

XYZ(55.9565, 62.2265, 80.2959)	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(55.9565, 62.2265,
80.2959)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D4E1
RGB	180, 212, 225
RGB Percent	71%, 83%, 88%
CMY	0.2941, 0.1686, 0.1176
CMYK	0.20, 0.06, 0.00, 0.12
HSL	197°, 43%, 79%
HSV	197°, 20%, 88%
XYZ	55.9565, 62.2265, 80.2959
YIQ	203.9140, -23.2450, -2.7410

Conversions

Conversions Part 2

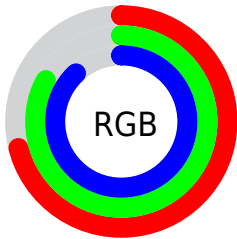
Format	Color
RYB	180, 199, 225
Decimal	11850977
CIELab	83.03, -7.81, -9.95
CIELCh	83, 12.646, 231.851
Yxy	62.2265, 0.2819, 0.3135
Android (android.graphics.Color)	4290041057 (0xFFB4D4E1)
YUV	203.9140, 10.3954, -20.9726
Hunter-Lab	78.8838, -11.4270, -5.1327

Details

The XYZ color **55.9565, 62.2265, 80.2959** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3602, 57.4430, 51.1930**, and the grayscale version is **57.2886, 60.2721, 65.6363**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **27.9169, 31.4518, 42.6296** is the 20% darker color. If you saturate the color by 10%, you get **49.5461, 56.5600, 79.5410**, and if you desaturate by 10%, it is **63.2862, 68.4673, 81.1152**.

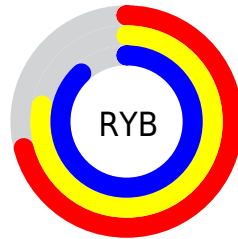
Distribution



Red (71%)

Green (83%)

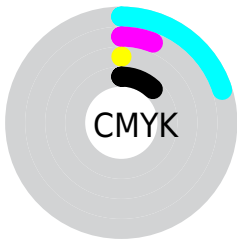
Blue (88%)



Red (71%)

Yellow (78%)

Blue (88%)

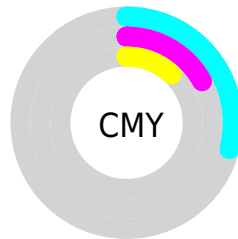


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (29%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9565, 62.2265, 80.2959 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 55.9565, 62.2265, 80.2959 by changing the saturation by 10% instead.

■ 55.9565, 62.2265,
80.2959

■ 55.9565, 62.2265,
80.2959

399.6052,
432.7568, 515.6625

■ 40.4049, 45.2157,
59.4343

■ 98.0812, 108.0528,
135.5968

■ 28.0400, 31.6274,
42.5405

125.3849,
137.6372, 170.8732

■ 18.4964, 21.0771,
29.1960

157.3368,
172.1815, 211.7916

■ 11.4088, 13.1803,
18.9823

194.3021,
212.0702, 258.7705

■ 6.4118, 7.5528,
11.4808

236.6463,
257.6877, 312.2286

■ 3.1401, 3.8102,
6.2730

284.7346,

■ 1.2283, 1.5680,

309.4184, 372.5842

2.9403

338.9325,
367.6466, 440.2560

■ 0.1285, 0.3359,
1.0642

■ 0.0000, 0.0000,
0.0000

■ 55.9565, 62.2265,
80.2959

■ 55.9565, 62.2265,
80.2959

■ 49.5461, 56.5600,
79.5410

■ 63.2862, 68.4673,
81.1152

■ 44.0078, 51.4374,
78.8442

■ 71.5687, 75.2958,
81.9967

■ 39.2983, 46.8368,
78.2044

■ 80.8424, 82.7345,
82.9437

■ 35.3683, 42.7318,
77.6192

■ 85.4052, 87.8451,
83.6897

■ 32.1627, 39.0926,
77.0857

■ 87.3316, 91.6979,
84.3318

■ 29.6189, 35.8859,
76.6008

■ 89.3270, 95.6888,
84.9970

■ 27.6625, 33.0719,
76.1608

■ 90.5908, 98.2163,
85.4182

■ 26.1641, 30.5828,
75.7593

■ 26.1640, 30.5827,
75.7593

Harmonies

Analogous

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



54.3985, 62.2265, 73.5132



55.9565, 62.2265, 80.2959



58.4025, 62.2265, 83.7757

Triad

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



55.9565, 62.2265, 80.2959



64.5020, 62.2265, 69.9104



57.2094, 62.2265, 54.7199

Complementary

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



55.9565, 62.2265, 80.2959



58.3602, 57.4430, 51.1930

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.



59.8926, 62.2265, 53.9176



55.9565, 62.2265, 80.2959



64.1587, 62.2265, 62.3039

Square

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



55.9565, 62.2265, 80.2959



63.3753, 62.2265, 77.4851



62.4512, 62.2265, 56.5914



55.1062, 62.2265, 58.8739

Rectangle

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



55.9565, 62.2265, 80.2959



60.2306, 62.2265, 83.5812



62.4512, 62.2265, 56.5914



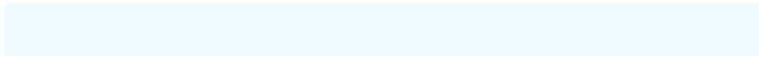
58.0714, 62.2265, 54.0628

Sweetspot

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



55.9583, 62.2290, 80.2973



88.2498, 94.4256, 108.1824



55.3466, 67.3940, 60.3986



18.7368, 20.0848, 23.1392



0.0000, 0.0000, 0.0000



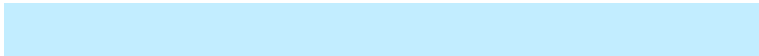
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9583, 62.2290, 80.2973



70.6248, 79.4187, 106.2148



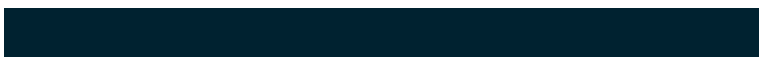
50.7736, 51.8596, 78.5691



13.7647, 14.8685, 17.5321



15.1816, 17.8328, 43.6903



1.1280, 1.3874, 3.0536

Inverse Universe

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



59.2578, 53.4050, 69.4752



75.8207, 65.8880, 89.0902



63.6549, 68.0323, 52.9579



14.1174, 13.8646, 16.3886



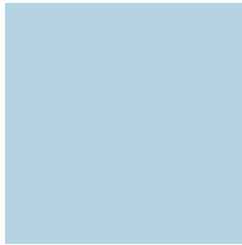
21.6032, 10.7083, 20.3739



1.5356, 0.7575, 1.6134

Previews

White Background



This preview shows how the XYZ color 55.9565, 62.2265, 80.2959 looks on a white background.

Color Contrast Check

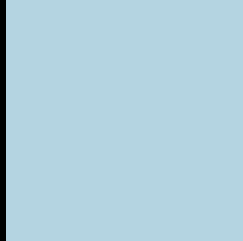
Large Text (above 18pt) WCAG AA × Fail

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 55.9565, 62.2265, 80.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

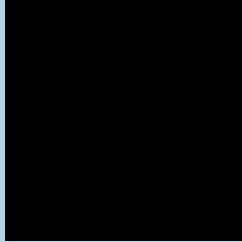
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9565, 62.2265, 80.2959

Background



This preview shows how black text looks on a background with the XYZ color 55.9565, 62.2265, 80.2959.

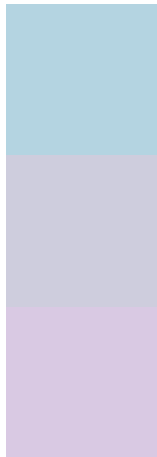


This preview shows how white text looks on a background with the XYZ color 55.9565, 62.2265,

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

55.9565, 62.2265, 80.2959

Protanopia

60.3361, 62.0049, 77.1947

Deuteranopia

63.3670, 62.0711, 81.3142



Tritanopia

56.3539, 62.0137, 82.3985

Trichromacy



Original Color

55.9565, 62.2265, 80.2959

Protanomaly

58.7666, 62.2560, 78.0265

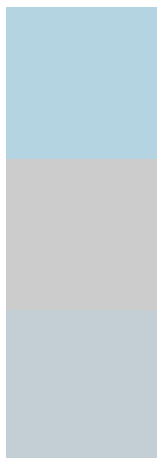
Deuteranomaly

60.4606, 61.9910, 80.7303

Tritanomaly

56.2154, 61.9583, 81.6693

Monochromacy



Original Color

55.9565, 62.2265, 80.2959

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7022, 60.9812, 71.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9565, 62.2265, 80.2959 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(180, 212, 225)` looks like.

```
.text, #text, p{  
    color:rgb(180, 212, 225)  
}
```

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(180, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 212, 225) }
```

Border

The CSS property to change the border of an element to XYZ 55.9565, 62.2265, 80.2959 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(180, 212, 225) }
```


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

```
.border{ border-color:rgb(180, 212, 225) }
```

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

Here you see how a box with a 4 pixel rgb(180, 212, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 212, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 212, 225);  
box-shadow:4px 4px 4px 4px rgb(180, 212,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9565, 62.2265, 80.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 212, 225) }
```

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

```
.background{ background-color: rgb(180,  
212, 225) }
```

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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