

Converting Colors

XYZ(56.6595, 62.4838, 79.7805)

Have a look what the booklet for
XYZ(56.6595, 62.4838, 79.7805)
contains.

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Color

**XYZ(56.7652, 62.6591,
79.6236)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D4E0
RGB	184, 212, 224
RGB Percent	72%, 83%, 88%
CMY	0.2784, 0.1686, 0.1216
CMYK	0.18, 0.05, 0.00, 0.12
HSL	198°, 39%, 80%
HSV	198°, 18%, 88%
XYZ	56.7652, 62.6591, 79.6236
YIQ	204.9960, -20.5400, -2.2040

Conversions

Conversions Part 2

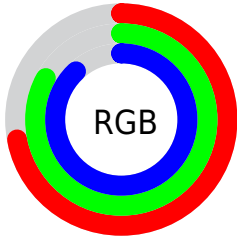
Format	Color
RYB	184, 200, 224
Decimal	12113120
CIELab	83.26, -6.79, -9.04
CIELCh	83, 11.309, 233.106
Yxy	62.6591, 0.2852, 0.3148
Android (android.graphics.Color)	4290303200 (0xFFB8D4E0)
YUV	204.9960, 9.3690, -18.4135
Hunter-Lab	79.1575, -10.5202, -4.2289

Details

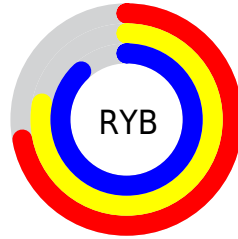
The XYZ color **56.7652, 62.6591, 79.6236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.1327, 58.7880, 53.5793**, and the grayscale version is **57.9789, 60.9984, 66.4272**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **28.4243, 31.7243, 42.1614** is the 20% darker color. If you saturate the color by 10%, you get **50.1741, 56.8212, 78.8452**, and if you desaturate by 10%, it is **64.2795, 69.0800, 80.4679**.

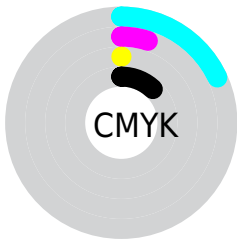
Distribution



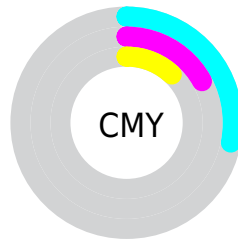
- Red (72%)
- Green (83%)
- Blue (88%)



- Red (72%)
- Yellow (78%)
- Blue (88%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7652, 62.6591, 79.6236 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 56.7652, 62.6591, 79.6236 by changing the saturation by 10% instead.

■ 56.7652, 62.6591,
79.6236

■ 56.7652, 62.6591,
79.6236

402.5973,
434.3312, 513.3367

■ 41.0562, 45.5655,
58.8843

■ 99.2558, 108.6775,
134.6430

■ 28.5508, 31.9031,
42.1006

126.7682,
138.3712, 169.7602

■ 18.8839, 21.2875,
28.8539

158.9456,
173.0336, 210.5072

■ 11.6899, 13.3343,
18.7257

196.1535,
213.0492, 257.3024

■ 6.6036, 7.6591,
11.2975

238.7573,
258.8023, 310.5644

■ 3.2596, 3.8776,
6.1506

287.1223,

■ 1.2925, 1.6053,

310.6775, 370.7118

2.8666

341.6139,
369.0590, 438.1630

■ 0.1776, 0.3612,
1.0269

■ 0.0000, 0.0000,
0.0000

■ 56.7652, 62.6591,
79.6236

■ 56.7652, 62.6591,
79.6236

■ 50.1741, 56.8212,
78.8452

■ 64.2795, 69.0800,
80.4679

■ 44.4600, 51.5362,
78.1262

■ 72.7496, 76.0969,
81.3759

■ 39.5807, 46.7829,
77.4659

■ 82.2132, 83.7322,
82.3509

■ 35.4883, 42.5352,
76.8617

■ 85.5257, 88.3039,
83.0587

■ 32.1297, 38.7644,
76.3109

■ 87.5281, 92.3087,
83.7262

■ 29.4447, 35.4382,
75.8104

■ 89.6044, 96.4612,
84.4183

■ 27.3626, 32.5186,
75.3566

■ 90.4547, 98.1619,
84.7017

■ 25.7854, 29.9539,
74.9447

■ 25.4805, 29.4335,
74.8603

Harmonies

Analogous

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



55.3166, 62.6591, 73.6717



56.7652, 62.6591, 79.6236



58.9905, 62.6591, 82.5527

Triad

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



56.7652, 62.6591, 79.6236



64.3682, 62.6591, 69.8615



57.7214, 62.6591, 56.5257

Complementary

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



56.7652, 62.6591, 79.6236



59.1327, 58.7880, 53.5793

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.



60.1243, 62.6591, 55.6593



56.7652, 62.6591, 79.6236



64.0058, 62.6591, 63.0538

Square

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



56.7652, 62.6591, 79.6236



63.4129, 62.6591, 76.6711



62.4360, 62.6591, 57.9699



55.8580, 62.6591, 60.4233

Rectangle

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



56.7652, 62.6591, 79.6236



60.6329, 62.6591, 82.2640



62.4360, 62.6591, 57.9699



58.4911, 62.6591, 55.8818

Sweetspot

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



56.7671, 62.6617, 79.6250



89.3060, 95.2458, 108.2851



56.3121, 67.4581, 61.8816



18.9480, 20.2470, 23.1594



0.0000, 0.0000, 0.0000



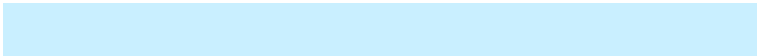
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7671, 62.6617, 79.6250



73.1071, 81.3970, 106.4658



52.2193, 53.5662, 78.1091



13.7514, 14.8419, 17.5277



14.9364, 17.3424, 43.6085



1.1125, 1.3565, 3.0484

Inverse Universe

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



59.7661, 54.8832, 69.7337



77.8026, 69.4718, 90.9225



63.7787, 68.0800, 55.1280



14.1107, 13.8619, 16.3533



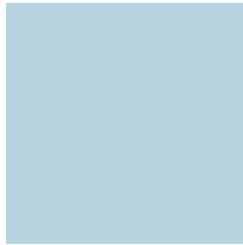
21.4794, 10.6588, 19.7221



1.5278, 0.7544, 1.5723

Previews

White Background



This preview shows how the XYZ color 56.7652, 62.6591, 79.6236 looks on a white background.

Color Contrast Check

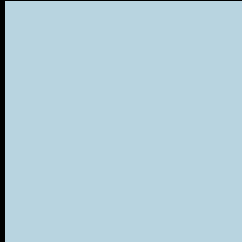
Large Text (above 18pt) WCAG AA × Fail

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 56.7652, 62.6591, 79.6236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

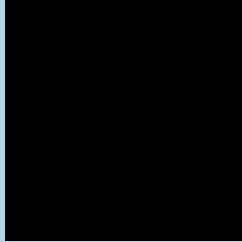
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

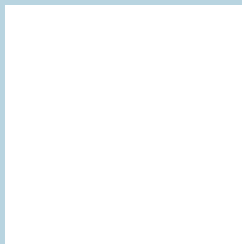
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7652, 62.6591, 79.6236

Background



This preview shows how black text looks on a background with the XYZ color 56.7652, 62.6591, 79.6236.

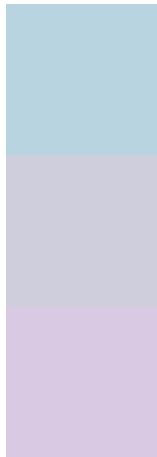


This preview shows how white text looks on a background with the XYZ color 56.7652, 62.6591,

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

56.7652, 62.6591, 79.6236

Protanopia

60.7217, 62.5753, 76.5880

Deuteranopia

63.5276, 62.1697, 80.6032



Tritanopia

57.3054, 62.5043, 82.4430

Trichromacy



Original Color

56.7652, 62.6591, 79.6236

Protanomaly

59.1602, 62.4743, 77.3473

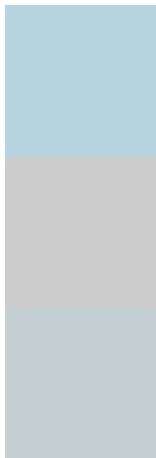
Deuteranomaly

60.8755, 62.2207, 80.0355

Tritanomaly

57.1670, 62.4489, 81.7139

Monochromacy



Original Color

56.7652, 62.6591, 79.6236

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4655, 61.7355, 71.1747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7652, 62.6591, 79.6236 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(184, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 212, 224)  
}
```

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(184, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 212, 224) }
```

Border

The CSS property to change the border of an element to XYZ 56.7652, 62.6591, 79.6236 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(184, 212, 224) }
```


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

```
.border{ border-color:rgb(184, 212, 224) }
```

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

Here you see how a box with a 4 pixel rgb(184, 212, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 212,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7652, 62.6591, 79.6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 212, 224) }
```

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

```
.background{ background-color: rgb(184,  
212, 224) }
```

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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