

Converting Colors

XYZ(62.3480, 68.9674, 78.3409)

Have a look what the booklet for
XYZ(62.3480, 68.9674, 78.3409)
contains.

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Color

**XYZ(62.4608, 69.0755,
78.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DDDD
RGB	199, 221, 221
RGB Percent	78%, 87%, 87%
CMY	0.2196, 0.1333, 0.1333
CMYK	0.10, 0.00, 0.00, 0.13
HSL	180°, 24%, 82%
HSV	180°, 10%, 87%
XYZ	62.4608, 69.0755, 78.4475
YIQ	214.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

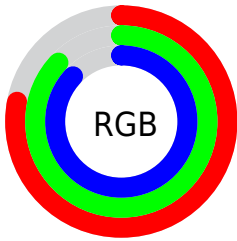
Format	Color
R _{YB}	199, 210, 221
Decimal	13098461
CIE Lab	86.54, -7.29, -2.50
CIE LCh	87, 7.702, 198.940
Yxy	69.0755, 0.2975, 0.3290
Android (android.graphics.Color)	4291288541 (0xFFC7DDDD)
YUV	214.4220, 3.2430, -13.5251
Hunter-Lab	83.1117, -11.2976, 2.2155

Details

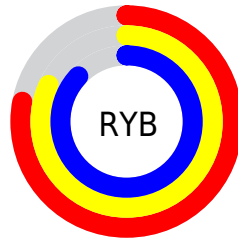
The XYZ color **62.4608, 69.0755, 78.4475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5535, 60.3444, 62.4921**, and the grayscale version is **64.1876, 67.5303, 73.5405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1962, 36.0454, 41.3369** is the 20% darker color. If you saturate the color by 10%, you get **57.0177, 66.2714, 78.1919**, and if you desaturate by 10%, it is **68.7595, 72.3244, 78.7460**.

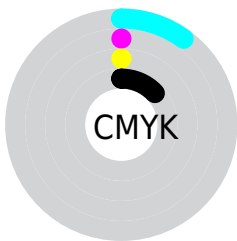
Distribution



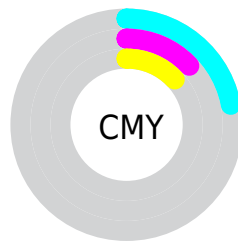
- Red (78%)
- Green (87%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4608, 69.0755, 78.4475 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 62.4608, 69.0755, 78.4475 by changing the saturation by 10% instead.

■ 62.4608, 69.0755,
78.4475

■ 62.4608, 69.0755,
78.4475

423.3008,
457.2972, 509.2534

■ 45.6621, 50.7732,
57.9230

107.4774,
117.8894, 132.9724

■ 32.1828, 36.0281,
41.3325

136.4261,
149.1698, 167.8098

■ 21.6574, 24.4559,
28.2573

170.1555,
185.5450, 208.2554

■ 13.7206, 15.6722,
18.2790

209.0310,
227.3994, 254.7276

■ 8.0070, 9.2925,
10.9790

253.4179,
275.1175, 307.6449

■ 4.1512, 4.9324,
5.9387

303.6816,

■ 1.7881, 2.2077,

329.0835, 367.4260

2.7397

360.1874,
389.6820, 434.4893

■ 0.5105, 0.7242,
0.9633

■ 0.0000, 0.0000,
0.0000

■ 62.4608, 69.0755,
78.4475

■ 62.4608, 69.0755,
78.4475

■ 57.0177, 66.2714,
78.1919

■ 68.7595, 72.3244,
78.7460

■ 52.3876, 63.8845,
77.9729

■ 75.9422, 76.0272,
79.0845

■ 48.5334, 61.8977,
77.7902

■ 80.1504, 78.1966,
79.2838

■ 45.4126, 60.2889,
77.6418

■ 80.1509, 78.1967,
79.2861

42.9788, 59.0343,
77.5256

80.1513, 78.1969,
79.2884

41.1802, 58.1071,
77.4391

80.1518, 78.1971,
79.2908

39.9576, 57.4769,
77.3796

80.1522, 78.1973,
79.2931

39.2408, 57.1074,
77.3437

80.1527, 78.1975,
79.2955

38.9063, 56.9351,
77.3257

80.1531, 78.1976,
79.2978

Harmonies

Analogous

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



62.3428, 69.0755, 73.3414



62.4608, 69.0755, 78.4475



63.4253, 69.0755, 82.8699

Triad

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



62.4608, 69.0755, 78.4475



68.2765, 69.0755, 81.8550



66.3149, 69.0755, 65.9704

Complementary

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



62.4608, 69.0755, 78.4475



60.5535, 60.3444, 62.4921

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.



67.9347, 69.0755, 68.0401



62.4608, 69.0755, 78.4475



69.0808, 69.0755, 77.1131

Square

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



62.4608, 69.0755, 78.4475



66.7746, 69.0755, 84.8980



68.9546, 69.0755, 72.0657



64.5464, 69.0755, 66.2913

Rectangle

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



62.4608, 69.0755, 78.4475



64.4285, 69.0755, 84.7632



68.9546, 69.0755, 72.0657



66.8954, 69.0755, 66.4057

Sweetspot

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



62.4628, 69.0784, 78.4490



92.2911, 98.5778, 108.7699



59.8179, 68.0317, 64.0127



19.6003, 21.0204, 23.2740



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.



62.4628, 69.0784, 78.4490



84.6739, 94.6510, 108.4105



59.7436, 63.6392, 77.5448



13.4448, 14.8296, 16.8054



22.5994, 33.0724, 44.9176



1.4641, 2.1426, 2.9101

Inverse Universe

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



60.5535, 60.3444, 62.4921



81.5128, 80.1904, 81.9912



63.0863, 65.4105, 63.3345



13.0562, 13.0516, 13.5571



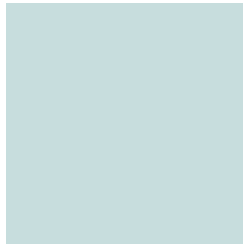
17.3223, 8.9300, 0.8114



1.1223, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 62.4608, 69.0755, 78.4475 looks on a white background.

Color Contrast Check

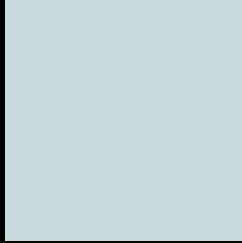
Large Text (above 18pt) WCAG AA × Fail

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 62.4608, 69.0755, 78.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

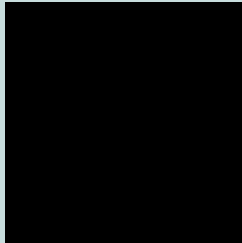
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

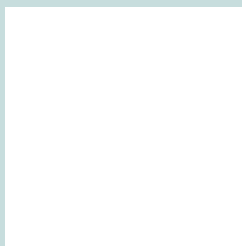
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4608, 69.0755, 78.4475

Background



This preview shows how black text looks on a background with the XYZ color 62.4608, 69.0755, 78.4475.

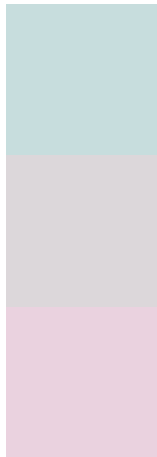


This preview shows how white text looks on a background with the XYZ color 62.4608, 69.0755,

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

62.4608, 69.0755, 78.4475

Protanopia

66.4705, 68.8785, 76.1212

Deuteranopia

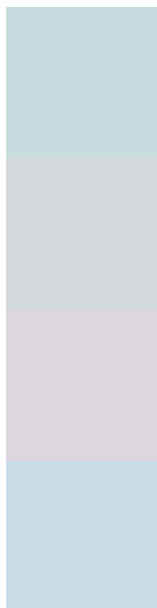
70.2976, 68.9133, 79.4086



Tritanopia

64.8290, 69.2757, 89.3116

Trichromacy



Original Color

62.4608, 69.0755, 78.4475

Protanomaly

64.7504, 68.7372, 76.8727

Deuteranomaly

67.0502, 68.7392, 78.8413

Tritanomaly

64.1044, 69.3734, 85.6131

Monochromacy



Original Color

62.4608, 69.0755, 78.4475

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6317, 68.1908, 75.4540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4608, 69.0755, 78.4475 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(199, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(199, 221, 221)  
}
```

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(199, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.4608, 69.0755, 78.4475 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(199, 221, 221) }
```


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

```
.border{ border-color:rgb(199, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(199, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4608, 69.0755, 78.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 221, 221) }
```

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

```
.background{ background-color: rgb(199,  
221, 221) }
```

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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