

Converting Colors

XYZ(62.0312, 67.7284, 75.9142)

Have a look what the booklet for
XYZ(62.0312, 67.7284, 75.9142)
contains.

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Color

**XYZ(62.0834, 67.7613,
76.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	CADADA
RGB	202, 218, 218
RGB Percent	79%, 85%, 85%
CMY	0.2078, 0.1451, 0.1451
CMYK	0.07, 0.00, 0.00, 0.15
HSL	180°, 18%, 82%
HSV	180°, 7%, 85%
XYZ	62.0834, 67.7613, 76.1368
YIQ	213.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

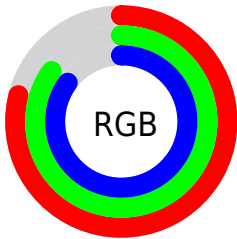
Format	Color
R _Y B	202, 210, 218
Decimal	13294298
CIE Lab	85.89, -5.34, -1.85
CIE LCh	86, 5.653, 199.107
Yxy	67.7613, 0.3014, 0.3290
Android (android.graphics.Color)	4291484378 (0xFFCADADA)
YUV	213.2160, 2.3585, -9.8364
Hunter-Lab	82.3173, -9.4311, 2.7836

Details

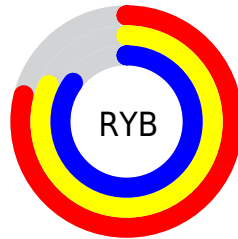
The XYZ color **62.0834, 67.7613, 76.1368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6971, 61.4125, 64.5349**, and the grayscale version is **63.3812, 66.6820, 72.6167**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9208, 35.1346, 39.7496** is the 20% darker color. If you saturate the color by 10%, you get **56.5964, 64.9346, 75.8784**, and if you desaturate by 10%, it is **68.4075, 71.0233, 76.4372**.

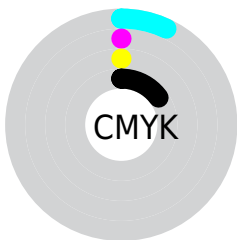
Distribution



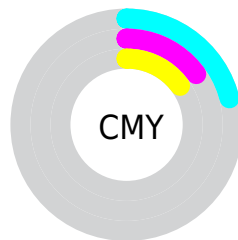
- Red (79%)
- Green (85%)
- Blue (85%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0834, 67.7613, 76.1368 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 62.0834, 67.7613, 76.1368 by changing the saturation by 10% instead.

■ 62.0834, 67.7613,
76.1368

■ 62.0834, 67.7613,
76.1368

421.9480,
452.6498, 501.1752

■ 45.3559, 49.7036,
56.0374

106.9353,
116.0106, 129.6821

■ 31.9404, 35.1779,
39.8287

135.7905,
146.9710, 163.9651

■ 21.4713, 23.8000,
27.0922

169.4189,
183.0010, 203.8130

■ 13.5833, 15.1853,
17.4094

208.1860,
224.4851, 249.6443

■ 7.9112, 8.9495,
10.3618

252.4571,
271.8076, 301.8777

■ 4.0895, 4.7083,
5.5308

302.5976,

■ 1.7529, 2.0771,

325.3530, 360.9316

2.4978

358.9727,
385.5056, 427.2246

■ 0.4890, 0.6517,
0.8390

■ 0.0000, 0.0000,
0.0000

■ 62.0834, 67.7613,
76.1368

■ 62.0834, 67.7613,
76.1368

■ 56.5964, 64.9346,
75.8784

■ 68.4075, 71.0233,
76.4372

■ 51.9061, 62.5167,
75.6558

■ 75.5957, 74.7289,
76.7767

■ 47.9771, 60.4913,
75.4689

■ 78.9695, 76.4681,
76.9376

■ 44.7693, 58.8377,
75.3157

■ 78.9701, 76.4683,
76.9407

■ 42.2390, 57.5333,
75.1942

■ 78.9707, 76.4685,
76.9438

■ 40.3374, 56.5531,
75.1022

■ 78.9713, 76.4688,
76.9469

■ 39.0096, 55.8686,
75.0370

■ 78.9719, 76.4690,
76.9500

■ 38.1910, 55.4467,
74.9956

■ 78.9724, 76.4692,
76.9530

■ 37.7951, 55.2427,
74.9740

■ 78.9730, 76.4695,
76.9561

Harmonies

Analogous

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



61.9935, 67.7613, 72.4426



62.0834, 67.7613, 76.1368



62.7905, 67.7613, 79.2972

Triad

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



62.0834, 67.7613, 76.1368



66.3036, 67.7613, 78.5426



64.8762, 67.7613, 67.0045

Complementary

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



62.0834, 67.7613, 76.1368



60.6971, 61.4125, 64.5349

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.



66.0471, 67.7613, 68.5259



62.0834, 67.7613, 76.1368



66.8784, 67.7613, 75.1348

Square

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



62.0834, 67.7613, 76.1368



65.2227, 67.7613, 80.7179



66.7839, 67.7613, 71.4734



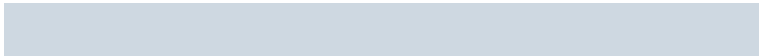
63.5944, 67.7613, 67.2525

Rectangle

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



62.0834, 67.7613, 76.1368



63.5222, 67.7613, 80.6373



66.7839, 67.7613, 71.4734



65.2961, 67.7613, 67.3239

Sweetspot

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



62.0853, 67.7642, 76.1383



93.1983, 99.0455, 108.8125



60.1633, 67.0037, 65.6402



19.9677, 21.2098, 23.2913



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.



62.0853, 67.7642, 76.1383



87.1042, 95.9039, 108.5242



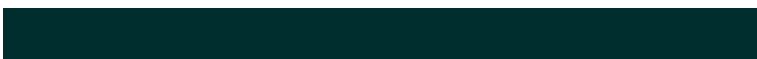
60.1264, 63.8456, 75.4874



13.4448, 14.8296, 16.8053



22.5985, 33.0720, 44.9128



1.4641, 2.1426, 2.9099

Inverse Universe

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



60.6971, 61.4125, 64.5349



84.6840, 84.8307, 88.2953



62.5574, 65.1337, 65.1531



13.0562, 13.0516, 13.5572



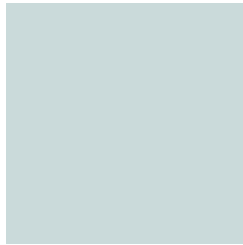
17.3224, 8.9300, 0.8117



1.1223, 0.5785, 0.0528

Previews

White Background



This preview shows how the XYZ color 62.0834, 67.7613, 76.1368 looks on a white background.

Color Contrast Check

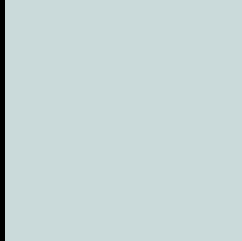
Large Text (above 18pt) WCAG AA × Fail

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 62.0834, 67.7613, 76.1368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

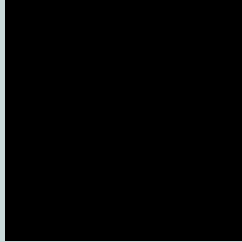
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

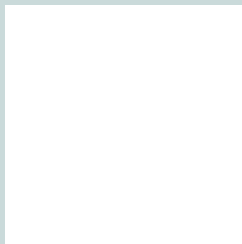
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0834, 67.7613, 76.1368

Background



This preview shows how black text looks on a background with the XYZ color 62.0834, 67.7613, 76.1368.

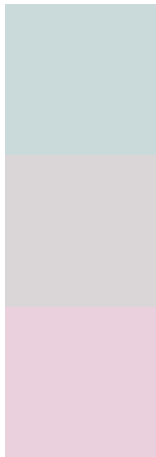


This preview shows how white text looks on a background with the XYZ color 62.0834, 67.7613,

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

62.0834, 67.7613, 76.1368

Protanopia

64.9734, 67.4002, 73.8751

Deuteranopia

69.0784, 67.6027, 77.1179



Tritanopia

64.4407, 67.9741, 86.8147

Trichromacy



Original Color

62.0834, 67.7613, 76.1368

Protanomaly

63.8465, 67.5558, 74.6402

Deuteranomaly

66.4539, 67.7310, 76.5887

Tritanomaly

63.7183, 68.0645, 83.1782

Monochromacy



Original Color

62.0834, 67.7613, 76.1368

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8607, 67.0625, 73.9212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0834, 67.7613, 76.1368 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(202, 218, 218) looks like.

```
.text, #text, p{  
    color:rgb(202, 218, 218)  
}
```

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(202, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.0834, 67.7613, 76.1368 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(202, 218, 218) }
```


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

```
.border{ border-color:rgb(202, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(202, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0834, 67.7613, 76.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 218, 218) }
```

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

```
.background{ background-color: rgb(202,  
218, 218) }
```

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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