

Converting Colors

XYZ(62.0605, 68.8885, 77.7268)

Have a look what the booklet for
XYZ(62.0605, 68.8885, 77.7268)
contains.

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Color

**XYZ(62.0634, 68.8860,
77.7354)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DDDC
RGB	198, 221, 220
RGB Percent	78%, 87%, 86%
CMY	0.2235, 0.1333, 0.1372
CMYK	0.10, 0.00, 0.00, 0.13
HSL	177°, 25%, 82%
HSV	177°, 10%, 87%
XYZ	62.0634, 68.8860, 77.7354
YIQ	214.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

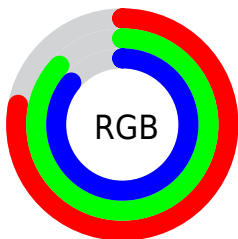
Format	Color
R _Y B	198, 210, 221
Decimal	13032924
CIE Lab	86.45, -7.80, -2.12
CIE LCh	86, 8.087, 195.181
Yxy	68.8860, 0.2974, 0.3301
Android (android.graphics.Color)	4291223004 (0xFFC6DDDC)
YUV	214.0090, 2.9536, -14.0399
Hunter-Lab	82.9976, -11.7682, 2.5674

Details

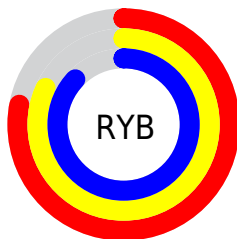
The XYZ color **62.0634, 68.8860, 77.7354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3241, 59.8856, 62.4155**, and the grayscale version is **63.9114, 67.2398, 73.2241**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9293, 35.9183, 40.8474** is the 20% darker color. If you saturate the color by 10%, you get **56.5310, 66.0505, 76.8133**, and if you desaturate by 10%, it is **68.4504, 72.1657, 78.7042**.

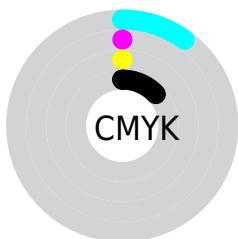
Distribution



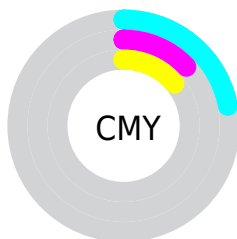
- Red (78%)
- Green (87%)
- Blue (86%)



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



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



- Cyan (22%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0634, 68.8860, 77.7354 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 62.0634, 68.8860, 77.7354 by changing the saturation by 10% instead.

■ 62.0634, 68.8860,
77.7354

■ 62.0634, 68.8860,
77.7354

421.8762,
456.6288, 506.7718

■ 45.3397, 50.6189,
57.3415

106.9066,
117.6187, 131.9595

■ 31.9275, 35.9054,
40.8683

135.7568,
148.8531, 166.6268

■ 21.4614, 24.3611,
27.8973

169.3799,
185.1787, 206.8890

■ 13.5761, 15.6017,
18.0099

208.1412,
226.9800, 253.1646

■ 7.9061, 9.2428,
10.7875

252.4062,
274.6412, 305.8721

■ 4.0862, 4.8999,
5.8118

302.5401,

■ 1.7510, 2.1886,

328.5468, 365.4301

2.6640

358.9083,
389.0812, 432.2572

■ 0.4879, 0.7138,
0.9252

■ 0.0000, 0.0000,
0.0000

■ 62.0634, 68.8860,
77.7354

■ 62.0634, 68.8860,
77.7354

■ 56.5310, 66.0505,
76.8133

■ 68.4504, 72.1657,
78.7042

■ 51.8108, 63.6318,
75.9316

■ 75.7207, 75.8988,
79.7167

■ 47.8653, 61.6124,
75.0900

■ 80.4027, 78.2975,
80.6120

■ 44.6520, 59.9703,
74.2865

■ 80.5330, 78.3496,
81.2981

■ 42.1241, 58.6815,
73.5189

■ 80.6640, 78.4020,
81.9882

■ 40.2296, 57.7192,
72.7848

■ 80.7958, 78.4547,
82.6821

■ 38.9090, 57.0526,
72.0813

■ 80.9283, 78.5077,
83.3800

■ 38.0915, 56.6452,
71.4052

■ 81.0616, 78.5610,
84.0817

■ 37.6615, 56.4370,
70.7768

■ 81.1956, 78.6146,
84.7874

Harmonies

Analogous

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



62.0577, 68.8860, 72.4009



62.0634, 68.8860, 77.7354



62.9711, 68.8860, 82.5527

Triad

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



62.0634, 68.8860, 77.7354



68.0590, 68.8860, 82.5037



66.3984, 68.8860, 65.4800

Complementary

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



62.0634, 68.8860, 77.7354



60.3241, 59.8856, 62.4155

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.



68.0425, 68.8860, 67.9322



62.0634, 68.8860, 77.7354



69.0136, 68.8860, 77.6711

Square

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



62.0634, 68.8860, 77.7354



66.4206, 68.8860, 85.3936



69.0075, 68.8860, 72.3396



64.5366, 68.8860, 65.4954

Rectangle

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



62.0634, 68.8860, 77.7354



63.9757, 68.8860, 84.7497



69.0075, 68.8860, 72.3396



66.9957, 68.8860, 66.0377

Sweetspot

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



62.0654, 68.8889, 77.7369



92.2376, 98.5564, 108.4882



59.6445, 67.9557, 63.4003



19.5858, 21.0146, 23.1976



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.



62.0654, 68.8889, 77.7369



84.4604, 94.5656, 107.2866



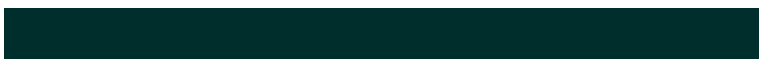
59.5492, 63.6432, 77.5558



13.4191, 14.8193, 16.6697



21.8883, 32.7880, 41.1730



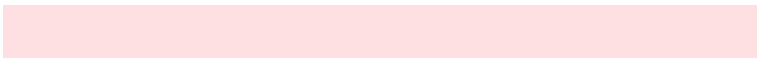
1.4258, 2.1273, 2.7083

Inverse Universe

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



60.3241, 59.8856, 62.4155



81.6944, 80.2630, 82.9473



62.6556, 64.7344, 62.6198



13.0789, 13.0607, 13.6770



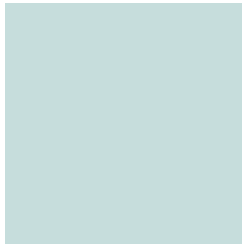
17.3636, 8.9465, 1.0289



1.1332, 0.5829, 0.1103

Previews

White Background



This preview shows how the XYZ color 62.0634, 68.8860, 77.7354 looks on a white background.

Color Contrast Check

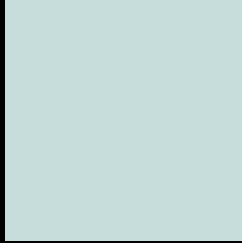
Large Text (above 18pt) WCAG AA × Fail

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 62.0634, 68.8860, 77.7354 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

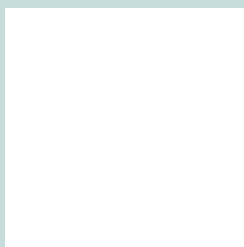
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0634, 68.8860, 77.7354

Background



This preview shows how black text looks on a background with the XYZ color 62.0634, 68.8860, 77.7354.

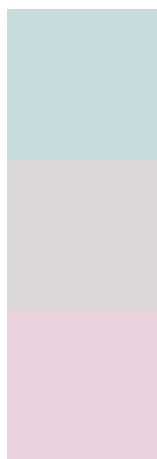


This preview shows how white text looks on a background with the XYZ color 62.0634, 68.8860,

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

62.0634, 68.8860, 77.7354

Protanopia

66.2103, 68.7744, 74.7509

Deuteranopia

69.9170, 68.3673, 78.6184



Tritanopia

64.5592, 69.1367, 89.2990

Trichromacy



Original Color

62.0634, 68.8860, 77.7354

Protanomaly

64.4886, 68.6325, 75.4941

Deuteranomaly

66.6642, 68.1811, 78.0533

Tritanomaly

63.6955, 69.1789, 84.8587

Monochromacy



Original Color

62.0634, 68.8860, 77.7354

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.2199, 67.9935, 74.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0634, 68.8860, 77.7354 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(198, 221, 220)` looks like.

```
.text, #text, p{  
    color:rgb(198, 221, 220)  
}
```

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(198, 221, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 221, 220) }
```

Border

The CSS property to change the border of an element to XYZ 62.0634, 68.8860, 77.7354 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(198, 221, 220) }
```


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

```
.border{ border-color:rgb(198, 221, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 221, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 221, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 221, 220);  
box-shadow:4px 4px 4px 4px rgb(198, 221,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0634, 68.8860, 77.7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 221, 220) }
```

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

```
.background{ background-color: rgb(198,  
221, 220) }
```

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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