

Converting Colors

XYZ(61.4770, 68.9278, 77.3164)

Have a look what the booklet for
XYZ(61.4770, 68.9278, 77.3164)
contains.

XYZ(61.4131, 68.9591, 77.0915)	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(61.4131, 68.9591,
77.0915)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DEDB
RGB	195, 222, 219
RGB Percent	76%, 87%, 86%
CMY	0.2353, 0.1294, 0.1412
CMYK	0.12, 0.00, 0.01, 0.13
HSL	173°, 29%, 82%
HSV	173°, 12%, 87%
XYZ	61.4131, 68.9591, 77.0915
YIQ	213.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

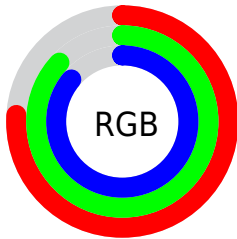
Format	Color
RYB	195, 209, 222
Decimal	12836571
CIELab	86.48, -9.48, -1.56
CIELCh	86, 9.609, 189.345
Yxy	68.9591, 0.2960, 0.3324
Android (android.graphics.Color)	4291026651 (0xFFC3DEDB)
YUV	213.5850, 2.6696, -16.2990
Hunter-Lab	83.0416, -13.3139, 3.0874

Details

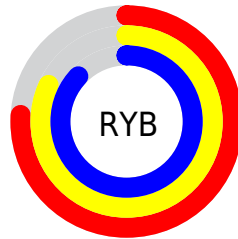
The XYZ color **61.4131, 68.9591, 77.0915** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8348, 58.6388, 61.5938**, and the grayscale version is **63.6292, 66.9429, 72.9008**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.5041, 35.9805, 40.4064** is the 20% darker color. If you saturate the color by 10%, you get **55.7759, 66.0922, 75.1447**, and if you desaturate by 10%, it is **67.9119, 72.2734, 79.1067**.

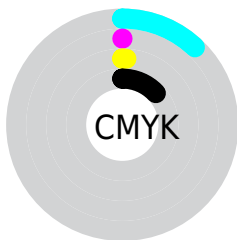
Distribution



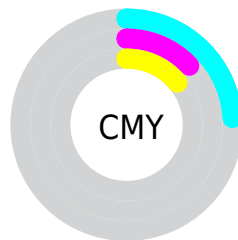
- Red (76%)
- Green (87%)
- Blue (86%)



- Red (76%)
- Yellow (82%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4131, 68.9591, 77.0915 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 61.4131, 68.9591, 77.0915 by changing the saturation by 10% instead.

61.4131, 68.9591,
77.0915

61.4131, 68.9591,
77.0915

419.5388,
456.8867, 504.5219

44.8124, 50.6784,
56.8160

105.9716,
117.7232, 131.0428

31.5104, 35.9527,
40.4491

134.6601,
148.9753, 165.5557

21.1415, 24.3977,
27.5724

168.1086,
185.3201, 205.6514

13.3405, 15.6289,
17.7674

206.6825,
227.1418, 251.7486

7.7421, 9.2619,
10.6154

250.7471,
274.8250, 304.2656

3.9808, 4.9124,
5.6980

300.6678,

1.6913, 2.1960,

328.7539, 363.6212

2.5965

356.8099,
389.3130, 430.2338

■ 0.4508, 0.7178,
0.8906

■ 0.0000, 0.0000,
0.0000

■ 61.4131, 68.9591,
77.0915

■ 61.4131, 68.9591,
77.0915

■ 55.7759, 66.0922,
75.1447

■ 67.9119, 72.2734,
79.1067

■ 50.9568, 63.6446,
73.2598

■ 75.3016, 76.0445,
81.1874

■ 46.9175, 61.5984,
71.4364

■ 81.1462, 79.0185,
83.2211

■ 43.6144, 59.9312,
69.6723

■ 81.4883, 79.1554,
85.0229

■ 40.9992, 58.6181,
67.9651

■ 81.8354, 79.2942,
86.8505

■ 39.0181, 57.6314,
66.3122

■ 82.1874, 79.4350,
88.7040

■ 37.6094, 56.9391,
64.7106

■ 82.5443, 79.5778,
90.5835

■ 36.6987, 56.5031,
63.1567

■ 82.9062, 79.7225,
92.4892

■ 36.2367, 56.2907,
61.9678

■ 83.2731, 79.8693,
94.4211

Harmonies

Analogous

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



61.6222, 68.9591, 70.8463



61.4131, 68.9591, 77.0915



62.2912, 68.9591, 83.1217

Triad

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



61.4131, 68.9591, 77.0915



68.2928, 68.9591, 84.9617



67.0639, 68.9591, 64.1960

Complementary

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



61.4131, 68.9591, 77.0915



59.8348, 58.6388, 61.5938

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.



68.9072, 68.9591, 67.5833



61.4131, 68.9591, 77.0915



69.6278, 68.9591, 79.4889

Square

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



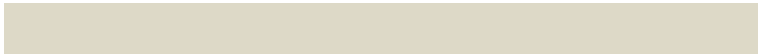
61.4131, 68.9591, 77.0915



66.2406, 68.9591, 87.8318



69.8552, 68.9591, 73.1131



64.8515, 68.9591, 63.6348

Rectangle

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



61.4131, 68.9591, 77.0915



63.3869, 68.9591, 86.1231



69.8552, 68.9591, 73.1131



67.7486, 68.9591, 65.0323

Sweetspot

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



61.4151, 68.9620, 77.0930



91.2143, 98.0437, 107.7699



59.3019, 68.2117, 61.6714



19.3740, 20.9091, 23.0221



0.0000, 0.0000, 0.0000



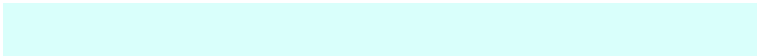
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4151, 68.9620, 77.0930



81.6736, 93.1825, 104.7384



59.1486, 63.7905, 78.3059



14.0475, 15.5447, 17.2852



21.5487, 33.4443, 36.9419



1.5126, 2.3258, 2.6606

Inverse Universe

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



59.8348, 58.6388, 61.5938



79.0401, 75.9776, 78.9087



61.8920, 63.3022, 60.5873



13.7689, 13.7252, 14.5532



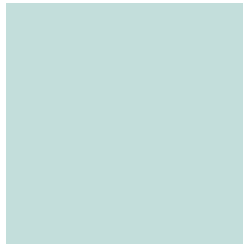
18.0156, 9.2733, 1.4822



1.2698, 0.6512, 0.2135

Previews

White Background



This preview shows how the XYZ color 61.4131, 68.9591, 77.0915 looks on a white background.

Color Contrast Check

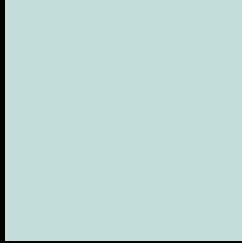
Large Text (above 18pt) WCAG AA × Fail

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 61.4131, 68.9591, 77.0915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

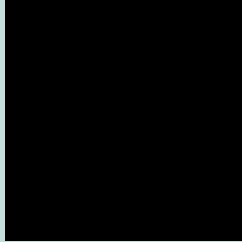
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

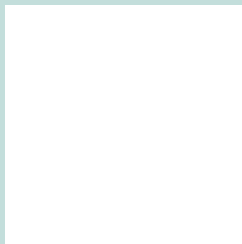
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4131, 68.9591, 77.0915

Background



This preview shows how black text looks on a background with the XYZ color 61.4131, 68.9591, 77.0915.

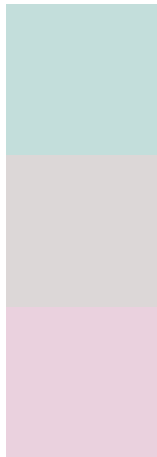


This preview shows how white text looks on a background with the XYZ color 61.4131, 68.9591,

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

61.4131, 68.9591, 77.0915

Protanopia

66.0814, 68.7228, 74.0719

Deuteranopia

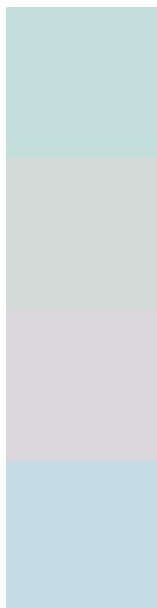
69.9170, 68.3673, 78.6184



Tritanopia

63.9063, 68.7832, 90.0290

Trichromacy



Original Color

61.4131, 68.9591, 77.0915

Protanomaly

64.3300, 68.9496, 74.8838

Deuteranomaly

66.6129, 68.5292, 78.1232

Tritanomaly

62.9021, 68.7699, 84.8215

Monochromacy



Original Color

61.4131, 68.9591, 77.0915

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.9397, 67.8490, 74.7446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4131, 68.9591, 77.0915 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(195, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 219)  
}
```

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(195, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 219) }
```

Border

The CSS property to change the border of an element to XYZ 61.4131, 68.9591, 77.0915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

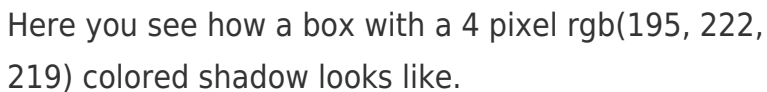
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 222, 219) }
```


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

```
.border{ border-color:rgb(195, 222, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 222, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 222, 219); box-shadow:4px 4px 4px 4px rgb(195, 222, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4131, 68.9591, 77.0915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 219) }
```

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

```
.background{ background-color: rgb(195,  
222, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor