

Converting Colors

XYZ(61.0961, 70.6417, 71.4409)

Have a look what the booklet for
XYZ(61.0961, 70.6417, 71.4409)
contains.

XYZ(61.0773, 70.5152, 71.3644)	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(61.0773, 70.5152,
71.3644)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E2D2
RGB	194, 226, 210
RGB Percent	76%, 89%, 82%
CMY	0.2392, 0.1137, 0.1765
CMYK	0.14, 0.00, 0.07, 0.11
HSL	150°, 36%, 82%
HSV	150°, 14%, 89%
XYZ	61.0773, 70.5152, 71.3644
YIQ	214.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

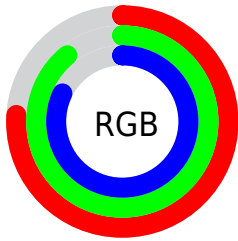
Format	Color
RYB	194, 215, 226
Decimal	12772050
CIELab	87.25, -13.57, 4.29
CIElCh	87, 14.230, 162.466
Yxy	70.5152, 0.3009, 0.3474
Android (android.graphics.Color)	4290962130 (0xFFC2E2D2)
YUV	214.6080, -2.2717, -18.0732
Hunter-Lab	83.9733, -17.1228, 8.3940

Details

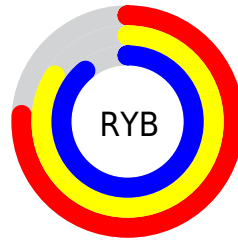
The XYZ color **61.0773, 70.5152, 71.3644** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.2912, 59.4072, 69.1595**, and the grayscale version is **64.3495, 67.7007, 73.7261**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.3789, 37.1016, 36.9600** is the 20% darker color. If you saturate the color by 10%, you get **54.3538, 67.2081, 63.9582**, and if you desaturate by 10%, it is **68.7864, 74.3228, 79.3388**.

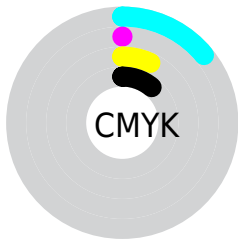
Distribution



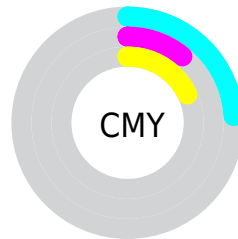
- Red (76%)
- Green (89%)
- Blue (82%)



- Red (76%)
- Yellow (84%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0773, 70.5152, 71.3644 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 61.0773, 70.5152, 71.3644 by changing the saturation by 10% instead.

61.0773, 70.5152,
71.3644

61.0773, 70.5152,
71.3644

418.3288,
462.3569, 484.2442

44.5403, 51.9467,
52.1560

105.4883,
119.9432, 122.8517

31.2953, 36.9626,
36.7463

134.0931,
151.5714, 155.9677

20.9767, 25.1785,
24.7169

167.4512,
188.3216, 194.5567

13.2193, 16.2101,
15.6492

205.9279,
230.5783, 239.0371

7.6578, 9.6729,
9.1246

249.8887,
278.7257, 289.8275

3.9267, 5.1827,
4.7246

299.6989,

1.6608, 2.3548,

333.1484, 347.3464

2.0307

355.7238,
394.2307, 412.0125

■ 0.4315, 0.8025,
0.5741

■ 0.0000, 0.0000,
0.0000

■ 61.0773, 70.5152,
71.3644

■ 61.0773, 70.5152,
71.3644

■ 54.3538, 67.2081,
63.9582

■ 68.7864, 74.3228,
79.3388

■ 48.5682, 64.3712,
57.1030

■ 77.5142, 78.6420,
87.8888

■ 43.6775, 61.9847,
50.7871

■ 84.7525, 82.1814,
96.9086

■ 39.6332, 60.0238,
44.9969

■ 86.4877, 82.8754,
106.0459

■ 36.3817, 58.4610,
39.7182

■ 33.8629, 57.2658,
34.9360

■ 32.0076, 56.4026,
30.6342

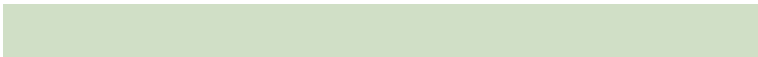
■ 30.7320, 55.8286,
26.7956

■ 30.1778, 55.5875,
24.7591

Harmonies

Analogous

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



62.7751, 70.5152, 63.9819



61.0773, 70.5152, 71.3644



60.9391, 70.5152, 80.8224

Triad

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



61.0773, 70.5152, 71.3644



68.4199, 70.5152, 96.1969



71.8779, 70.5152, 65.0069

Complementary

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



61.0773, 70.5152, 71.3644



62.2912, 59.4072, 69.1595

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.



73.4980, 70.5152, 72.8729



61.0773, 70.5152, 71.3644



71.4575, 70.5152, 91.1781

Square

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



61.0773, 70.5152, 71.3644



65.1043, 70.5152, 95.7079



73.3417, 70.5152, 82.4609



68.9782, 70.5152, 60.5266

Rectangle

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



61.0773, 70.5152, 71.3644



61.7434, 70.5152, 87.0928



73.3417, 70.5152, 82.4609



72.5945, 70.5152, 67.3136

Sweetspot

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



61.0793, 70.5182, 71.3660



90.5860, 97.7923, 104.4613



63.6669, 72.0711, 61.5953



19.2147, 20.8454, 22.1833



0.0000, 0.0000, 0.0000



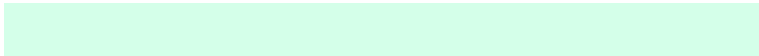
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0793, 70.5182, 71.3660



77.5647, 91.3667, 90.8803



63.1013, 71.3270, 82.0136



13.8131, 15.4510, 16.0512



17.2756, 31.7351, 14.4401



1.2426, 2.2178, 1.2389

Inverse Universe

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



62.2912, 59.4072, 69.1595



79.4509, 74.0741, 87.4463



60.4555, 58.6729, 59.4931



13.9917, 13.8143, 15.7262



19.6540, 9.9286, 10.1095



1.4075, 0.7063, 0.9388

Previews

White Background



This preview shows how the XYZ color 61.0773, 70.5152, 71.3644 looks on a white background.

Color Contrast Check

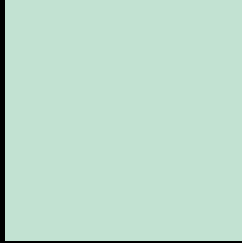
Large Text (above 18pt) WCAG AA × Fail

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 61.0773, 70.5152, 71.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

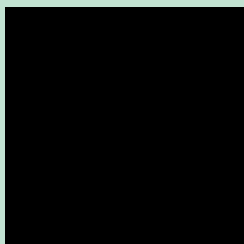
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

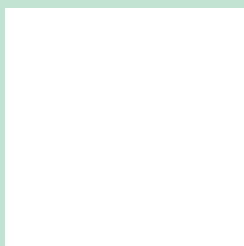
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0773, 70.5152, 71.3644

Background



This preview shows how black text looks on a background with the XYZ color 61.0773, 70.5152, 71.3644.



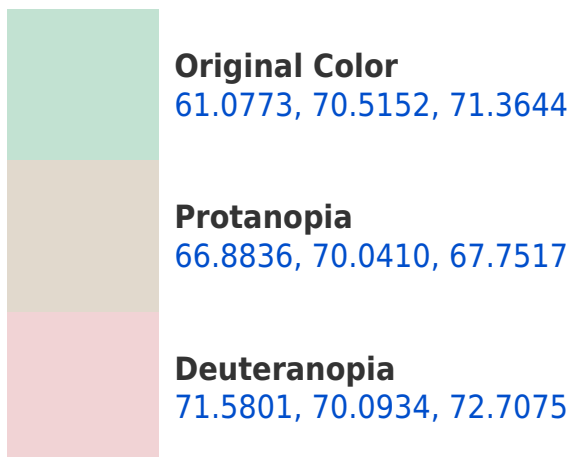
This preview shows how white text looks on a background with the XYZ color 61.0773, 70.5152,

71.3644.

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

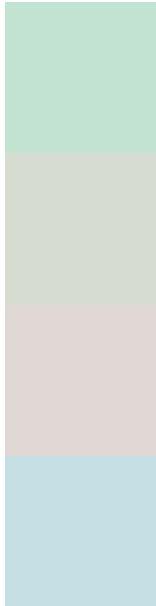




Tritanopia

65.2545, 70.6167, 91.8525

Trichromacy



Original Color

61.0773, 70.5152, 71.3644

Protanomaly

64.5872, 69.9875, 69.1363

Deuteranomaly

67.1800, 69.7125, 72.2024

Tritanomaly

63.4172, 70.2471, 83.6154

Monochromacy



Original Color

61.0773, 70.5152, 71.3644

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.0739, 68.7325, 72.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0773, 70.5152, 71.3644 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(194, 226, 210)` looks like.

```
.text, #text, p{  
    color:rgb(194, 226, 210)  
}
```

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(194, 226, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 226, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.0773, 70.5152, 71.3644 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(194, 226, 210) }
```


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

```
.border{ border-color:rgb(194, 226, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 226, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 226, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 226, 210);  
box-shadow:4px 4px 4px 4px rgb(194, 226,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0773, 70.5152, 71.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 226, 210) }
```

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

```
.background{ background-color: rgb(194,  
226, 210) }
```

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