

Converting Colors

XYZ(61.2155, 71.3855, 70.4700)

Have a look what the booklet for
XYZ(61.2155, 71.3855, 70.4700)
contains.

XYZ(61.1209, 71.3783, 70.2305)	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(61.1209, 71.3783,
70.2305)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E4D0
RGB	193, 228, 208
RGB Percent	76%, 89%, 82%
CMY	0.2431, 0.1059, 0.1843
CMYK	0.15, 0.00, 0.09, 0.11
HSL	146°, 39%, 83%
HSV	146°, 15%, 89%
XYZ	61.1209, 71.3783, 70.2305
YIQ	215.2550, -14.4400, -13.6400

Conversions

Conversions Part 2

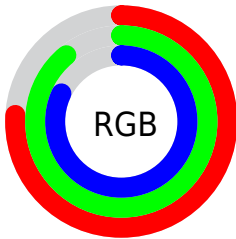
Format	Color
RYB	193, 218, 228
Decimal	12707024
CIELab	87.67, -15.27, 5.94
CIElCh	88, 16.387, 158.764
Yxy	71.3783, 0.3015, 0.3521
Android (android.graphics.Color)	4290897104 (0xFFC1E4D0)
YUV	215.2550, -3.5767, -19.5176
Hunter-Lab	84.4857, -18.7147, 9.8539

Details

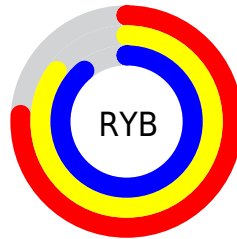
The XYZ color **61.1209, 71.3783, 70.2305** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.0777, 59.4398, 71.1025**, and the grayscale version is **64.7962, 68.1706, 74.2378**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.4238, 37.7092, 36.1942** is the 20% darker color. If you saturate the color by 10%, you get **54.2130, 67.9968, 61.8805**, and if you desaturate by 10%, it is **69.0606, 75.2804, 79.3193**.

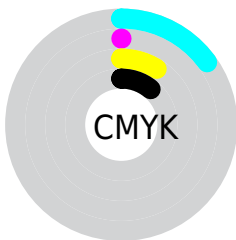
Distribution



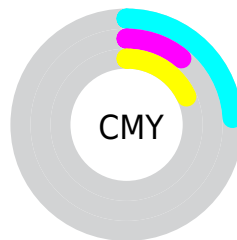
- Red (76%)
- Green (89%)
- Blue (82%)



- Red (76%)
- Yellow (85%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1209, 71.3783, 70.2305 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 61.1209, 71.3783, 70.2305 by changing the saturation by 10% instead.

61.1209, 71.3783,
70.2305

61.1209, 71.3783,
70.2305

418.4860,
465.3748, 480.1699

44.5757, 52.6510,
51.2365

105.5511,
121.1722, 121.2216

31.3232, 37.5242,
36.0188

134.1668,
153.0076, 154.0558

20.9981, 25.6136,
24.1589

167.5366,
189.9811, 192.3405

13.2351, 16.5348,
15.2383

206.0260,
232.4772, 236.4941

7.6687, 9.9034,
8.8383

250.0002,
280.8802, 286.9354

3.9337, 5.3349,
4.5405

299.8248,

1.6647, 2.4451,

335.5746, 344.0827

1.9263

355.8649,
396.9446, 408.3547

■ 0.4340, 0.8489,
0.5094

■ 0.0000, 0.0000,
0.0000

■ 61.1209, 71.3783,
70.2305

■ 61.1209, 71.3783,
70.2305

■ 54.2130, 67.9968,
61.8805

■ 69.0606, 75.2804,
79.3193

■ 48.2869, 65.1046,
54.2462

■ 78.0674, 79.7151,
89.1600

■ 43.2972, 62.6807,
47.3097

■ 85.7873, 83.4705,
99.6592

■ 39.1924, 60.6989,
41.0509

■ 87.0347, 83.9695,
106.2282

■ 35.9159, 59.1304,
35.4486

■ 33.4042, 57.9429,
30.4805

■ 31.5835, 57.0989,
26.1227

■ 30.3642, 56.5526,
22.3493

■ 29.9356, 56.3658,
20.7849

Harmonies

Analogous

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



63.2761, 71.3783, 62.2143



61.1209, 71.3783, 70.2305



60.7303, 71.3783, 81.0216

Triad

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



61.1209, 71.3783, 70.2305



68.9866, 71.3783, 100.8176



73.8308, 71.3783, 65.0884

Complementary

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



61.1209, 71.3783, 70.2305



63.0777, 59.4398, 71.1025

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.



75.4903, 71.3783, 74.5071



61.1209, 71.3783, 70.2305



72.6244, 71.3783, 95.6064

Square

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



61.1209, 71.3783, 70.2305



65.1752, 71.3783, 99.3947



75.0406, 71.3783, 85.7214



70.5825, 71.3783, 59.4483

Rectangle

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



61.1209, 71.3783, 70.2305



61.5081, 71.3783, 88.4657



75.0406, 71.3783, 85.7214



74.5985, 71.3783, 67.8796

Sweetspot

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



61.1229, 71.3813, 70.2321



89.3627, 97.2011, 102.6261



64.9332, 73.5489, 61.2271



18.9622, 20.7239, 21.7817



0.0000, 0.0000, 0.0000



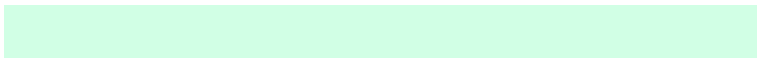
20.3446, 21.4041, 23.3091

Same Dimension

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



61.1229, 71.3813, 70.2321



76.1935, 90.7342, 87.4579



63.3401, 72.2682, 81.9078



14.4444, 16.1912, 16.6050



17.3418, 32.5688, 12.3001



1.3273, 2.4250, 1.1499

Inverse Universe

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



63.0777, 59.4398, 71.1025



79.1082, 72.9273, 88.7546



61.0214, 58.6173, 60.2741



14.7204, 14.5054, 16.7281



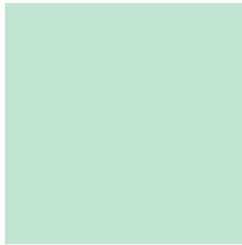
20.8737, 10.4837, 13.4955



1.5888, 0.7932, 1.2412

Previews

White Background



This preview shows how the XYZ color 61.1209, 71.3783, 70.2305 looks on a white background.

Color Contrast Check

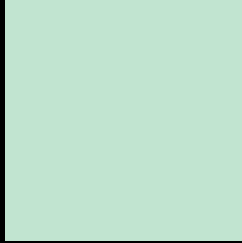
Large Text (above 18pt) WCAG AA × Fail

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 61.1209, 71.3783, 70.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

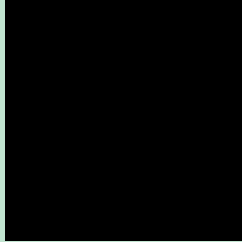
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

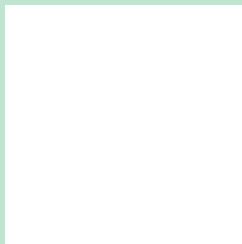
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1209, 71.3783, 70.2305

Background



This preview shows how black text looks on a background with the XYZ color 61.1209, 71.3783, 70.2305.

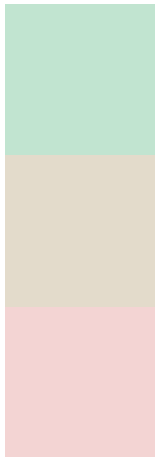


This preview shows how white text looks on a background with the XYZ color 61.1209, 71.3783,

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

61.1209, 71.3783, 70.2305

Protanopia

67.7896, 71.3057, 66.6904

Deuteranopia

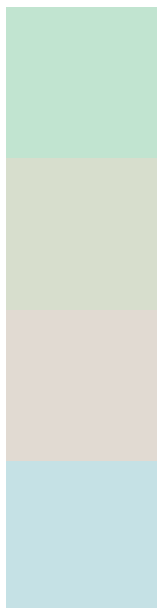
72.2635, 70.8448, 71.4937



Tritanopia

65.8180, 71.2683, 93.5063

Trichromacy



Original Color

61.1209, 71.3783, 70.2305

Protanomaly

65.1651, 71.0974, 68.0462

Deuteranomaly

67.7556, 70.8035, 71.0681

Tritanomaly

64.0940, 71.3779, 84.5279

Monochromacy



Original Color

61.1209, 71.3783, 70.2305

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.2090, 69.2053, 72.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1209, 71.3783, 70.2305 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(193, 228, 208) looks like.

```
.text, #text, p{  
    color:rgb(193, 228, 208)  
}
```

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(193, 228, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 228, 208) }
```

Border

The CSS property to change the border of an element to XYZ 61.1209, 71.3783, 70.2305 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(193, 228, 208) }
```


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

```
.border{ border-color:rgb(193, 228, 208) }
```

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

Here you see how a box with a 4 pixel rgb(193, 228, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 228, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 228, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 228,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1209, 71.3783, 70.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 228, 208) }
```

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

```
.background{ background-color: rgb(193,  
228, 208) }
```

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