

Converting Colors

XYZ(61.0281, 70.6860, 71.7609)

Have a look what the booklet for
XYZ(61.0281, 70.6860, 71.7609)
contains.

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Color

**XYZ(61.2193, 70.9788,
72.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E3D3
RGB	193, 227, 211
RGB Percent	76%, 89%, 83%
CMY	0.2431, 0.1098, 0.1725
CMYK	0.15, 0.00, 0.07, 0.11
HSL	152°, 38%, 82%
HSV	152°, 15%, 89%
XYZ	61.2193, 70.9788, 72.1017
YIQ	215.0100, -15.1280, -12.1840

Conversions

Conversions Part 2

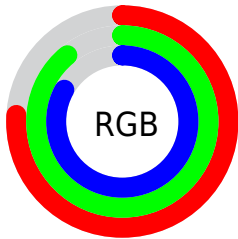
Format	Color
RYB	193, 215, 227
Decimal	12706771
CIELab	87.47, -14.21, 4.08
CIELCh	87, 14.782, 163.977
Yxy	70.9788, 0.2997, 0.3474
Android (android.graphics.Color)	4290896851 (0xFFC1E3D3)
YUV	215.0100, -1.9769, -19.3028
Hunter-Lab	84.2489, -17.7290, 8.2328

Details

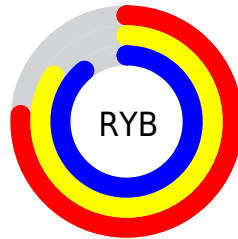
The XYZ color **61.2193, 70.9788, 72.1017** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.2597, 59.0761, 68.4462**, and the grayscale version is **64.6200, 67.9853, 74.0360**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.4858, 37.4283, 37.4632** is the 20% darker color. If you saturate the color by 10%, you get **54.5757, 67.7055, 65.0306**, and if you desaturate by 10%, it is **68.8441, 74.7516, 79.6864**.

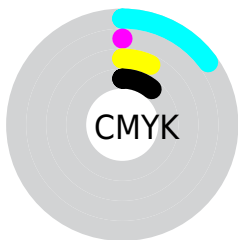
Distribution



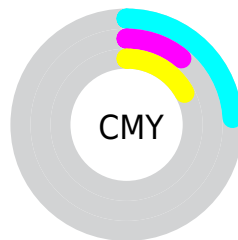
- Red (76%)
- Green (89%)
- Blue (83%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2193, 70.9788, 72.1017 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 61.2193, 70.9788, 72.1017 by changing the saturation by 10% instead.

61.2193, 70.9788,
72.1017

61.2193, 70.9788,
72.1017

418.8407,
463.9793, 486.8826

44.6554, 52.3249,
52.7544

105.6927,
120.6035, 123.9102

31.3862, 37.2641,
37.2204

134.3329,
152.3432, 157.2084

21.0464, 25.4120,
25.0810

167.7293,
189.2135, 195.9941

13.2706, 16.3843,
15.9179

206.2472,
231.5989, 240.6858

7.6934, 9.7965,
9.3123

250.2519,
279.8838, 291.7019

3.9495, 5.2642,
4.8459


300.1088,

1.6736, 2.4031,


334.4526, 349.4610


2.1000


356.1833,
395.6896, 414.3817


 0.4397, 0.8275,
0.6157


 0.0000, 0.0000,
0.0000


 61.2193, 70.9788,
72.1017


 61.2193, 70.9788,
72.1017


 54.5757, 67.7055,
65.0306


 68.8441, 74.7516,
79.6864


 48.8654, 64.9013,
58.4576

 77.4837, 79.0350,
87.7906

 44.0450, 62.5460,
52.3727

 84.8961, 82.6751,
96.3193

 40.0654, 60.6144,
46.7643

 86.5577, 83.3398,
105.0691

■ 36.8723, 59.0789,
41.6198

■ 86.7604, 83.4209,
106.1368

■ 34.4049, 57.9082,
36.9264

■ 32.5926, 57.0663,
32.6700

■ 31.3495, 56.5090,
28.8356

■ 30.8708, 56.3010,
27.0627

Harmonies

Analogous

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



62.9120, 70.9788, 64.2676



61.2193, 70.9788, 72.1017



61.1612, 70.9788, 82.0173

Triad

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



61.2193, 70.9788, 72.1017



69.0964, 70.9788, 97.4644



72.4062, 70.9788, 64.6975

Complementary

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



61.2193, 70.9788, 72.1017



62.2597, 59.0761, 68.4462

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.



74.1839, 70.9788, 72.7362



61.2193, 70.9788, 72.1017



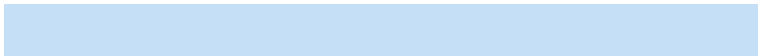
72.2289, 70.9788, 91.9486

Square

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



61.2193, 70.9788, 72.1017



65.6286, 70.9788, 97.2574



74.1179, 70.9788, 82.7085



69.3317, 70.9788, 60.2512

Rectangle

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



61.2193, 70.9788, 72.1017



62.0523, 70.9788, 88.5246



74.1179, 70.9788, 82.7085



73.1799, 70.9788, 67.0374

Sweetspot

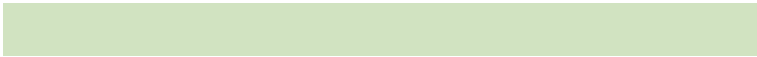
The Sweet Spot groups the original color and five complimentary colors.



61.2213, 70.9818, 72.1033



90.6331, 97.8112, 104.7091



63.5145, 72.4103, 61.0821



19.2266, 20.8501, 22.2460



0.0000, 0.0000, 0.0000



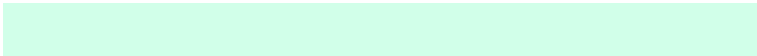
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2213, 70.9818, 72.1033



76.8477, 90.9958, 90.9026



63.1743, 71.5154, 83.1508



14.5065, 16.2160, 16.9322



18.0625, 32.8571, 16.0956



1.3816, 2.4468, 1.4362

Inverse Universe

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



62.2597, 59.0761, 68.4462



78.4468, 72.6627, 85.2718



60.5018, 58.5738, 58.5702



14.6579, 14.4804, 16.3990



20.0756, 10.1645, 9.2932



1.5301, 0.7698, 0.9322

Previews

White Background



This preview shows how the XYZ color 61.2193, 70.9788, 72.1017 looks on a white background.

Color Contrast Check

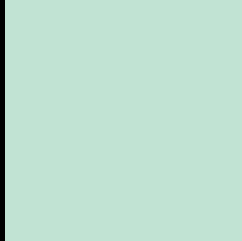
Large Text (above 18pt) WCAG AA × Fail

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 61.2193, 70.9788, 72.1017 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

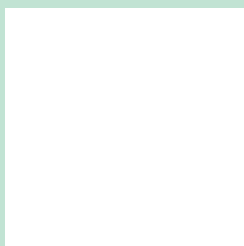
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2193, 70.9788, 72.1017

Background



This preview shows how black text looks on a background with the XYZ color 61.2193, 70.9788, 72.1017.

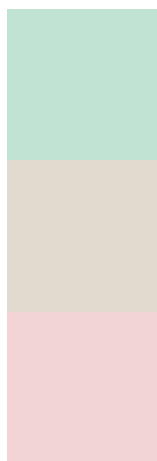


This preview shows how white text looks on a background with the XYZ color 61.2193, 70.9788,

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

61.2193, 70.9788, 72.1017

Protanopia

67.5760, 70.7678, 68.4904

Deuteranopia

72.2990, 70.8193, 73.4772



Tritanopia

65.4046, 71.0724, 92.7092

Trichromacy



Original Color

61.2193, 70.9788, 72.1017

Protanomaly

64.9732, 70.5631, 69.8701

Deuteranomaly

67.5636, 70.2771, 72.9546

Tritanomaly

63.5635, 70.7042, 84.4259

Monochromacy



Original Color

61.2193, 70.9788, 72.1017

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.2012, 68.7835, 73.5638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2193, 70.9788, 72.1017 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, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 227, 211)  
}
```

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, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 227, 211) }
```

Border

The CSS property to change the border of an element to XYZ 61.2193, 70.9788, 72.1017 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, 227, 211) }
```


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

```
.border{ border-color:rgb(193, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 227,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2193, 70.9788, 72.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 227, 211) }
```

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

```
.background{ background-color: rgb(193,  
227, 211) }
```

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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