

Converting Colors

XYZ(61.6756, 71.9818, 85.0903)

Have a look what the booklet for
XYZ(61.6756, 71.9818, 85.0903)
contains.

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Color

**XYZ(61.7311, 72.1959,
84.8104)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E6E5
RGB	182, 230, 229
RGB Percent	71%, 90%, 90%
CMY	0.2863, 0.0980, 0.1020
CMYK	0.21, 0.00, 0.00, 0.10
HSL	179°, 49%, 81%
HSV	179°, 21%, 90%
XYZ	61.7311, 72.1959, 84.8104
YIQ	215.5340, -28.2870, -10.4870

Conversions

Conversions Part 2

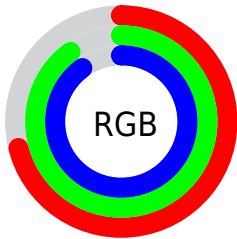
Format	Color
R_{YB}	182, 206, 230
Decimal	11986661
CIE _{Lab}	88.06, -15.54, -4.60
CIE _{LCh}	88, 16.209, 196.484
Yxy	72.1959, 0.2822, 0.3301
Android (android.graphics.Color)	4290176741 (0xFFB6E6E5)
YUV	215.5340, 6.6387, -29.4093
Hunter-Lab	84.9682, -19.0104, 0.2978

Details

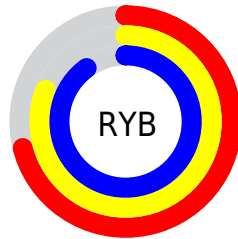
The XYZ color **61.7311, 72.1959, 84.8104** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.9109, 53.6998, 52.1156**, and the grayscale version is **64.9252, 68.3063, 74.3856**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **31.6781, 37.9173, 45.6936** is the 20% darker color. If you saturate the color by 10%, you get **56.6726, 69.5978, 84.2253**, and if you desaturate by 10%, it is **67.6861, 75.2599, 85.4414**.

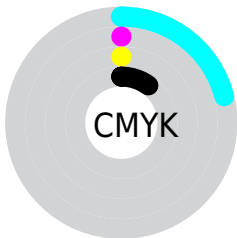
Distribution



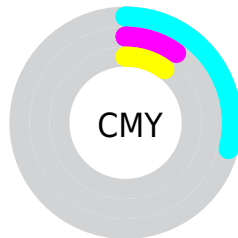
- Red (71%)
- Green (90%)
- Blue (90%)



- Red (71%)
- Yellow (81%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7311, 72.1959, 84.8104 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 61.7311, 72.1959, 84.8104 by changing the saturation by 10% instead.

61.7311, 72.1959,
84.8104

61.7311, 72.1959,
84.8104

420.6828,
468.2232, 531.1287

45.0702, 53.3187,
63.1355

106.4289,
122.3350, 141.9801

31.7143, 38.0573,
45.5091

135.1966,
154.3657, 178.3119

21.2978, 26.0271,
31.5128

168.7306,
191.5497, 220.3664

13.4556, 16.8439,
20.7279

207.3963,
234.2715, 268.5622

7.8222, 10.1233,
12.7359

251.5590,
282.9153, 323.3178

4.0322, 5.4808,
7.1184

301.5840,

1.7204, 2.5320,

337.8656, 385.0517

3.4567

357.8369,
399.5067, 454.1825

■ 0.4690, 0.8926,
1.3323

■ 0.0000, 0.0000,
0.0880

■ 61.7311, 72.1959,
84.8104

■ 61.7311, 72.1959,
84.8104

■ 56.6726, 69.5978,
84.2253

■ 67.6861, 75.2599,
85.4414

■ 52.4609, 67.4343,
83.6794

■ 74.5718, 78.8019,
86.1155

■ 49.0509, 65.6840,
83.1718

■ 82.4285, 82.8443,
86.8360

■ 46.3907, 64.3204,
82.7004

■ 83.9512, 83.6215,
87.2610

■ 44.4226, 63.3134,
82.2623

■ 84.0192, 83.6487,
87.6189

■ 43.0805, 62.6292,
81.8545

■ 84.0873, 83.6759,
87.9777

■ 42.2851, 62.2268,
81.4732

■ 84.1557, 83.7032,
88.3376

■ 41.9158, 62.0433,
81.1426

■ 84.2242, 83.7307,
88.6984

■ 84.2929, 83.7581,
89.0603

Harmonies

Analogous

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



61.6382, 72.1959, 73.7341



61.7311, 72.1959, 84.8104



63.6242, 72.1959, 95.0931

Triad

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



61.7311, 72.1959, 84.8104



74.1572, 72.1959, 94.2101



70.3734, 72.1959, 59.6607

Complementary

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



61.7311, 72.1959, 84.8104



57.9109, 53.6998, 52.1156

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.



73.8707, 72.1959, 64.1494



61.7311, 72.1959, 84.8104



76.1101, 72.1959, 83.6943

Square

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



61.7311, 72.1959, 84.8104



70.7525, 72.1959, 100.8590



76.0033, 72.1959, 72.7176



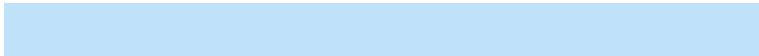
66.5308, 72.1959, 59.8986

Rectangle

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



61.7311, 72.1959, 84.8104



65.6944, 72.1959, 99.8073



76.0033, 72.1959, 72.7176



71.6313, 72.1959, 60.6473

Sweetspot

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



61.7332, 72.1989, 84.8120



89.5920, 97.1922, 108.3761



56.4140, 70.1151, 54.8175



19.0549, 20.7406, 23.1850



0.0000, 0.0000, 0.0000



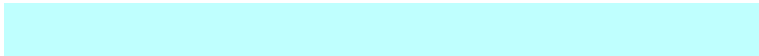
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7332, 72.1989, 84.8120



75.1450, 89.7633, 106.8528



56.0349, 60.5775, 83.6056



14.7938, 16.3309, 18.4448



23.7354, 35.1263, 45.9682



1.7581, 2.5974, 3.4189

Inverse Universe

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



57.9109, 53.6998, 52.1156



69.5044, 62.4624, 58.6012



62.7673, 63.5791, 53.2211



14.3892, 14.3728, 14.9837



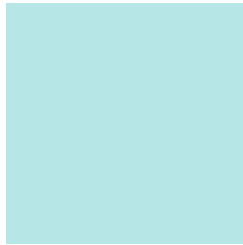
18.4955, 9.5324, 0.9722



1.3711, 0.7061, 0.0946

Previews

White Background



This preview shows how the XYZ color 61.7311, 72.1959, 84.8104 looks on a white background.

Color Contrast Check

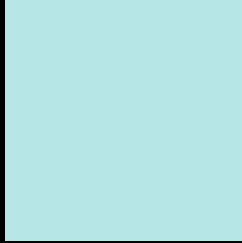
Large Text (above 18pt) WCAG AA × Fail

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 61.7311, 72.1959, 84.8104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

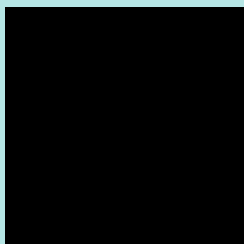
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

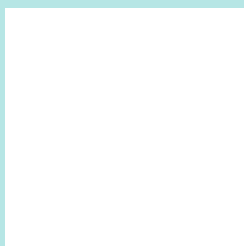
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7311, 72.1959, 84.8104

Background



This preview shows how black text looks on a background with the XYZ color 61.7311, 72.1959, 84.8104.

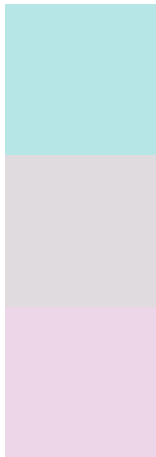


This preview shows how white text looks on a background with the XYZ color 61.7311, 72.1959,

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

61.7311, 72.1959, 84.8104

Protanopia

69.0822, 71.6787, 80.0064

Deuteranopia

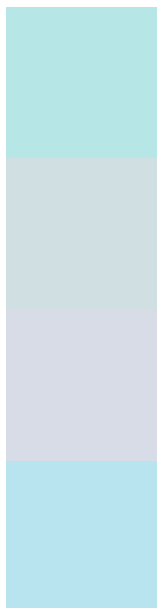
73.2041, 71.7522, 86.3352



Tritanopia

64.1112, 71.9063, 97.6891

Trichromacy



Original Color

61.7311, 72.1959, 84.8104

Protanomaly

65.9907, 71.6215, 81.5804

Deuteranomaly

68.3359, 71.5549, 85.8111

Tritanomaly

63.2387, 71.9684, 92.9963

Monochromacy



Original Color

61.7311, 72.1959, 84.8104

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8094, 69.7707, 78.5106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7311, 72.1959, 84.8104 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(182, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(182, 230, 229)  
}
```

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(182, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 230, 229) }
```

Border

The CSS property to change the border of an element to XYZ 61.7311, 72.1959, 84.8104 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(182, 230, 229) }
```


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

```
.border{ border-color:rgb(182, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 230, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 230, 229);  
box-shadow:4px 4px 4px 4px rgb(182, 230,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7311, 72.1959, 84.8104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 230, 229) }
```

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

```
.background{ background-color: rgb(182,  
230, 229) }
```

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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