

Converting Colors

XYZ(61.3096, 72.2971, 81.4838)

Have a look what the booklet for
XYZ(61.3096, 72.2971, 81.4838)
contains.

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Color

**XYZ(61.3219, 72.4787,
81.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E7E0
RGB	182, 231, 224
RGB Percent	71%, 91%, 88%
CMY	0.2863, 0.0941, 0.1216
CMYK	0.21, 0.00, 0.03, 0.09
HSL	171°, 51%, 81%
HSV	171°, 21%, 91%
XYZ	61.3219, 72.4787, 81.2788
YIQ	215.5510, -26.9570, -12.5650

Conversions

Conversions Part 2

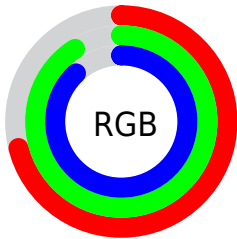
Format	Color
RYB	182, 208, 231
Decimal	11986912
CIELab	88.20, -17.09, -1.77
CIElCh	88, 17.178, 185.930
Yxy	72.4787, 0.2851, 0.3370
Android (android.graphics.Color)	4290176992 (0xFFB6E7E0)
YUV	215.5510, 4.1654, -29.4242
Hunter-Lab	85.1344, -20.4126, 2.9893

Details

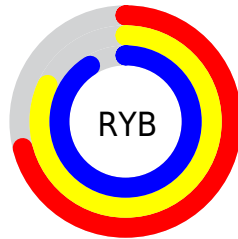
The XYZ color **61.3219, 72.4787, 81.2788** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.8709, 54.1210, 55.4908**, and the grayscale version is **64.9523, 68.3349, 74.4167**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **31.3935, 38.1137, 43.2382** is the 20% darker color. If you saturate the color by 10%, you get **55.8671, 69.7198, 78.7102**, and if you desaturate by 10%, it is **67.6895, 75.7110, 83.9385**.

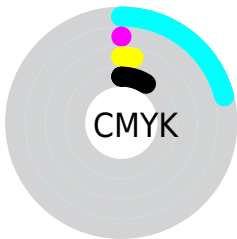
Distribution



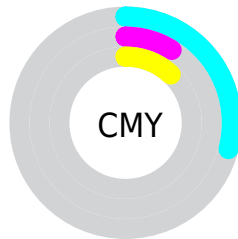
- Red (71%)
- Green (91%)
- Blue (88%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3219, 72.4787, 81.2788 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 61.3219, 72.4787, 81.2788 by changing the saturation by 10% instead.

61.3219, 72.4787,
81.2788

61.3219, 72.4787,
81.2788

419.2104,
469.2061, 519.0521

44.7385, 53.5498,
60.2389

105.8404,
122.7369, 136.9898

31.4519, 38.2419,
43.1847

134.5062,
154.8349, 172.4979

21.0967, 26.1705,
29.6976

167.9302,
192.0915, 213.6659

13.3076, 16.9512,
19.3590

206.4777,
234.8910, 260.9122

7.7192, 10.1997,
11.7506

250.5141,
283.6179, 314.6555

3.9661, 5.5316,
6.4536

300.4048,

1.6829, 2.5624,

338.6564, 375.3142

3.0496

356.5151,
400.3910, 443.3069

■ 0.4456, 0.9078,
1.1200

■ 0.0000, 0.0000,
0.0000

■ 61.3219, 72.4787,
81.2788

■ 61.3219, 72.4787,
81.2788

■ 55.8671, 69.7198,
78.7102

■ 67.6895, 75.7110,
83.9385

■ 51.2747, 67.4026,
76.2257

■ 75.0047, 79.4288,
86.6867

■ 47.4990, 65.5053,
73.8242

■ 83.3082, 83.6552,
89.5270

■ 44.4873, 64.0010,
71.5030

■ 85.1335, 84.5409,
92.1103

42.1810, 62.8593,
69.2593

85.6210, 84.7359,
94.6773

40.5127, 62.0456,
67.0895

86.1174, 84.9345,
97.2914

39.4018, 61.5182,
64.9896

86.6228, 85.1366,
99.9528

38.7693, 61.2312,
63.1965

87.1372, 85.3424,
102.6617

87.6607, 85.5518,
105.4183

Harmonies

Analogous

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



61.9207, 72.4787, 70.0393



61.3219, 72.4787, 81.2788



62.6844, 72.4787, 92.9600

Triad

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



61.3219, 72.4787, 81.2788



73.6320, 72.4787, 98.7038



72.1633, 72.4787, 59.9995

Complementary

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



61.3219, 72.4787, 81.2788



58.8709, 54.1210, 55.4908

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.



75.4897, 72.4787, 66.3646



61.3219, 72.4787, 81.2788



76.3610, 72.4787, 88.5149

Square

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



61.3219, 72.4787, 81.2788



69.7086, 72.4787, 103.6433



77.0540, 72.4787, 76.6014



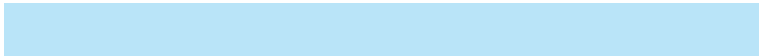
68.0755, 72.4787, 58.4738

Rectangle

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



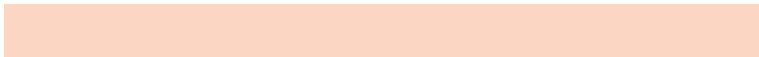
61.3219, 72.4787, 81.2788



64.5548, 72.4787, 99.1937



77.0540, 72.4787, 76.6014



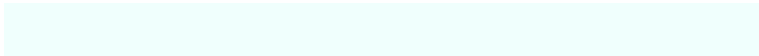
73.4126, 72.4787, 61.6109

Sweetspot

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



61.3240, 72.4817, 81.2804



89.2933, 97.0728, 106.8034



58.0949, 71.3959, 54.9762



18.9841, 20.7123, 22.8120



0.0000, 0.0000, 0.0000



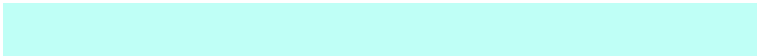
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3240, 72.4817, 81.2804



73.9264, 89.2758, 100.4355



57.7261, 63.7344, 84.8641



14.7142, 16.2991, 18.0258



21.7691, 34.3397, 35.6138



1.6330, 2.5473, 2.7602

Inverse Universe

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



58.8709, 54.1210, 55.4908



70.3929, 62.8178, 63.2797



61.8589, 61.2846, 52.8262



14.4605, 14.4014, 15.3593



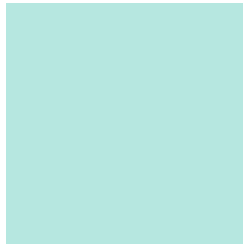
18.6561, 9.5966, 1.8178



1.4052, 0.7198, 0.2742

Previews

White Background



This preview shows how the XYZ color 61.3219, 72.4787, 81.2788 looks on a white background.

Color Contrast Check

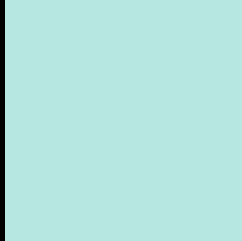
Large Text (above 18pt) WCAG AA × Fail

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 61.3219, 72.4787, 81.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

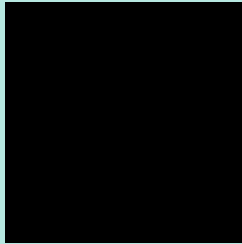
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

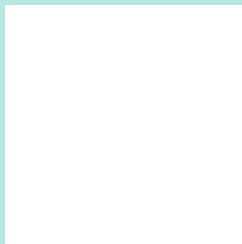
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3219, 72.4787, 81.2788

Background



This preview shows how black text looks on a background with the XYZ color 61.3219, 72.4787, 81.2788.

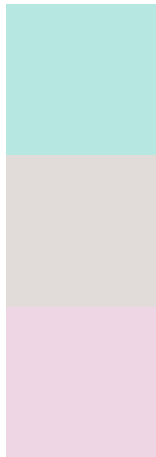


This preview shows how white text looks on a background with the XYZ color 61.3219, 72.4787,

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

61.3219, 72.4787, 81.2788

Protanopia

69.1689, 72.2037, 75.9368

Deuteranopia

73.6468, 72.0453, 83.4233



Tritanopia

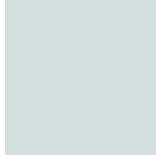
64.6277, 72.5797, 97.7918

Trichromacy



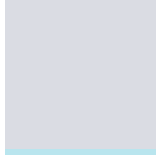
Original Color

61.3219, 72.4787, 81.2788



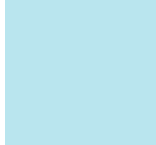
Protanomaly

65.8684, 72.0339, 78.1424



Deuteranomaly

68.3718, 71.6379, 82.8970



Tritanomaly

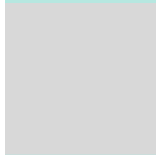
63.4595, 72.5260, 91.5432

Monochromacy



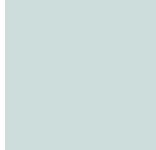
Original Color

61.3219, 72.4787, 81.2788



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.5445, 69.6647, 77.1153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3219, 72.4787, 81.2788 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, 231, 224)` looks like.

```
.text, #text, p{  
    color:rgb(182, 231, 224)  
}
```

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, 231, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 231, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.3219, 72.4787, 81.2788 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, 231, 224) }
```


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

```
.border{ border-color:rgb(182, 231, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 231, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 231, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 231, 224);  
box-shadow:4px 4px 4px 4px rgb(182, 231,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3219, 72.4787, 81.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 231, 224) }
```

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

```
.background{ background-color: rgb(182,  
231, 224) }
```

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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