

Converting Colors

XYZ(61.8182, 72.6584, 86.4854)

Have a look what the booklet for
XYZ(61.8182, 72.6584, 86.4854)
contains.

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Color

**XYZ(61.8221, 72.6246,
86.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E7E7
RGB	180, 231, 231
RGB Percent	71%, 91%, 91%
CMY	0.2941, 0.0941, 0.0941
CMYK	0.22, 0.00, 0.00, 0.09
HSL	180°, 52%, 81%
HSV	180°, 22%, 91%
XYZ	61.8221, 72.6246, 86.3609
YIQ	215.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

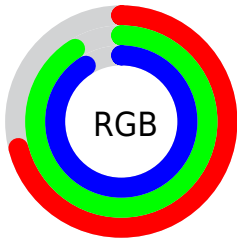
Format	Color
R_{YB}	180, 206, 231
Decimal	11855847
CIE Lab	88.27, -16.22, -5.36
CIE LCh	88, 17.079, 198.289
Yxy	72.6246, 0.2800, 0.3289
Android (android.graphics.Color)	4290045927 (0xFFB4E7E7)
YUV	215.7510, 7.5178, -31.3536
Hunter-Lab	85.2201, -19.6440, -0.4297

Details

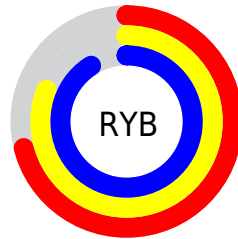
The XYZ color **61.8221, 72.6246, 86.3609** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5170, 52.9288, 50.3678**, and the grayscale version is **65.0678, 68.4564, 74.5490**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **31.6720, 38.1907, 46.2597** is the 20% darker color. If you saturate the color by 10%, you get **56.8866, 70.0821, 86.1305**, and if you desaturate by 10%, it is **67.6581, 75.6350, 86.6365**.

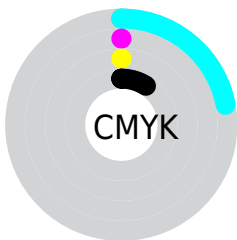
Distribution



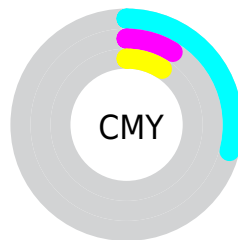
- Red (71%)
- Green (91%)
- Blue (91%)



- Red (71%)
- Yellow (81%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8221, 72.6246, 86.3609 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 61.8221, 72.6246, 86.3609 by changing the saturation by 10% instead.

61.8221, 72.6246,
86.3609

61.8221, 72.6246,
86.3609

421.0098,
469.7127, 536.3821

45.1440, 53.6691,
64.4098

106.5598,
122.9441, 144.1640

31.7726, 38.3371,
46.5344

135.3501,
155.0769, 180.8531

21.3426, 26.2445,
32.3160

168.9085,
192.3709, 223.2920

13.4886, 17.0066,
21.3362

207.6004,
235.2105, 271.8993

7.8451, 10.2392,
13.1763

251.7911,
283.9801, 327.0933

4.0470, 5.5578,
7.4179

301.8460,

1.7287, 2.5781,

339.0640, 389.2928

3.6424

358.1304,
400.8468, 458.9162

■ 0.4742, 0.9157,
1.4313

■ 0.0000, 0.0000,
0.1660

■ 61.8221, 72.6246,
86.3609

■ 61.8221, 72.6246,
86.3609

■ 56.8866, 70.0821,
86.1305

■ 67.6581, 75.6350,
86.6365

■ 52.8008, 67.9759,
85.9384

■ 74.4295, 79.1258,
86.9544

■ 49.5187, 66.2839,
85.7838

■ 82.1771, 83.1198,
87.3179

■ 46.9873, 64.9789,
85.6644

■ 84.2419, 84.1842,
87.4155

45.1473, 64.0304,
85.5773

84.2421, 84.1843,
87.4164

43.9306, 63.4032,
85.5194

84.2423, 84.1844,
87.4174

43.2550, 63.0549,
85.4869

84.2425, 84.1845,
87.4184

42.9998, 62.9234,
85.4742

84.2427, 84.1845,
87.4193

84.2428, 84.1846,
87.4203

Harmonies

Analogous

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



61.6052, 72.6246, 74.5889



61.8221, 72.6246, 86.3609



63.9227, 72.6246, 97.1211

Triad

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



61.8221, 72.6246, 86.3609



75.0701, 72.6246, 95.0393



70.6372, 72.6246, 58.9973

Complementary

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



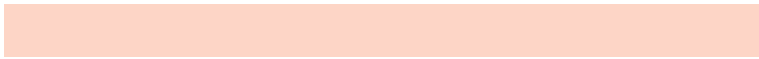
61.8221, 72.6246, 86.3609



57.5170, 52.9288, 50.3678

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.



74.3970, 72.6246, 63.4169



61.8221, 72.6246, 86.3609



77.0232, 72.6246, 83.7392

Square

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



61.8221, 72.6246, 86.3609



71.5265, 72.6246, 102.4626



76.7721, 72.6246, 72.2124



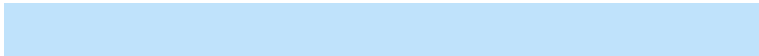
66.5874, 72.6246, 59.5495

Rectangle

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



61.8221, 72.6246, 86.3609



66.1571, 72.6246, 101.9164



76.7721, 72.6246, 72.2124



71.9797, 72.6246, 59.9314

Sweetspot

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



61.8242, 72.6276, 86.3625



88.7850, 96.7703, 108.6060



55.8372, 70.2557, 53.7992



18.8940, 20.6563, 23.2410



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.



61.8242, 72.6276, 86.3625



74.7213, 89.5203, 107.9455



55.4040, 59.7865, 84.2245



14.8075, 16.3364, 18.5169



24.1053, 35.2742, 47.9160



1.7813, 2.6066, 3.5409

Inverse Universe

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



57.5170, 52.9288, 50.3678



68.5263, 61.1875, 56.1743



62.9435, 63.7821, 52.1752



14.3771, 14.3680, 14.9202



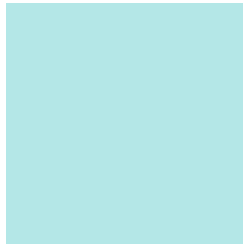
18.4751, 9.5243, 0.8649



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 61.8221, 72.6246, 86.3609 looks on a white background.

Color Contrast Check

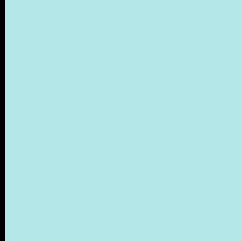
Large Text (above 18pt) WCAG AA × Fail

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 61.8221, 72.6246, 86.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

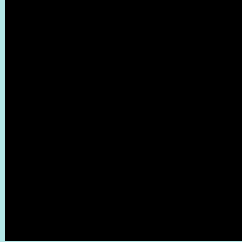
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

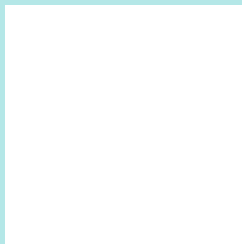
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8221, 72.6246, 86.3609

Background



This preview shows how black text looks on a background with the XYZ color 61.8221, 72.6246, 86.3609.

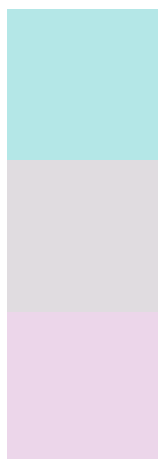


This preview shows how white text looks on a background with the XYZ color 61.8221, 72.6246,

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

61.8221, 72.6246, 86.3609

Protanopia

69.7882, 72.4155, 80.8204

Deuteranopia

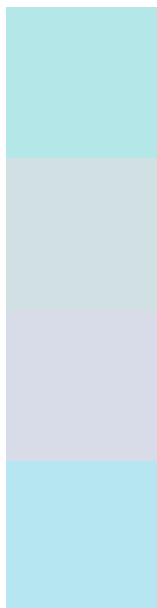
73.4899, 71.8665, 87.8402



Tritanopia

64.3363, 72.8213, 98.6607

Trichromacy



Original Color

61.8221, 72.6246, 86.3609

Protanomaly

66.5332, 72.2673, 83.1153

Deuteranomaly

68.6201, 71.6685, 87.3075

Tritanomaly

63.4654, 72.8896, 93.9432

Monochromacy



Original Color

61.8221, 72.6246, 86.3609

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5362, 69.6299, 78.4978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8221, 72.6246, 86.3609 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(180, 231, 231)` looks like.

```
.text, #text, p{  
    color:rgb(180, 231, 231)  
}
```

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(180, 231, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 231, 231) }
```

Border

The CSS property to change the border of an element to XYZ 61.8221, 72.6246, 86.3609 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(180, 231, 231) }
```


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

```
.border{ border-color:rgb(180, 231, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 231, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 231, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 231, 231);  
box-shadow:4px 4px 4px 4px rgb(180, 231,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8221, 72.6246, 86.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 231, 231) }
```

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

```
.background{ background-color: rgb(180,  
231, 231) }
```

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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