

Converting Colors

XYZ(61.8730, 72.6755, 83.7979)

Have a look what the booklet for
XYZ(61.8730, 72.6755, 83.7979)
contains.

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Color

**XYZ(61.7324, 72.6430,
83.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E7E3
RGB	182, 231, 227
RGB Percent	71%, 91%, 89%
CMY	0.2863, 0.0941, 0.1098
CMYK	0.21, 0.00, 0.02, 0.09
HSL	175°, 51%, 81%
HSV	175°, 21%, 91%
XYZ	61.7324, 72.6430, 83.4409
YIQ	215.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

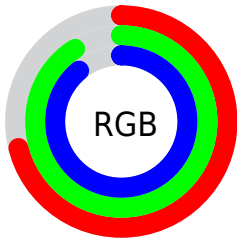
Format	Color
RYB	182, 208, 231
Decimal	11986915
CIELab	88.28, -16.46, -3.23
CIElCh	88, 16.778, 191.112
Yxy	72.6430, 0.2834, 0.3335
Android (android.graphics.Color)	4290176995 (0xFFB6E7E3)
YUV	215.8930, 5.4758, -29.7242
Hunter-Lab	85.2309, -19.8671, 1.6168

Details

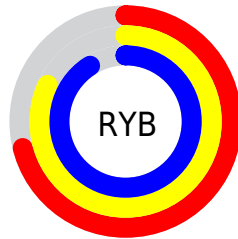
The XYZ color **61.7324, 72.6430, 83.4409** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5484, 53.9919, 53.7929**, and the grayscale version is **65.1766, 68.5709, 74.6737**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **31.6785, 38.2277, 44.7388** is the 20% darker color. If you saturate the color by 10%, you get **56.4621, 69.9579, 81.8434**, and if you desaturate by 10%, it is **67.9097, 75.7992, 85.0988**.

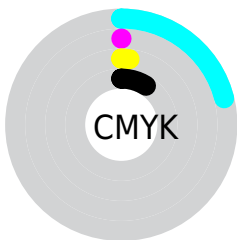
Distribution



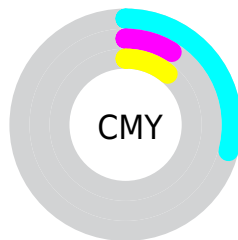
- Red (71%)
- Green (91%)
- Blue (89%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7324, 72.6430, 83.4409 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 61.7324, 72.6430, 83.4409 by changing the saturation by 10% instead.

61.7324, 72.6430,
83.4409

61.7324, 72.6430,
83.4409

420.6874,
469.7766, 526.4642

45.0713, 53.6841,
62.0112

106.4308,
122.9703, 140.0476

31.7151, 38.3492,
44.6059

135.1988,
155.1074, 176.0616

21.2985, 26.2538,
30.8065

168.7331,
192.4061, 217.7742

13.4561, 17.0136,
20.1943

207.3992,
235.2508, 265.6039

7.8225, 10.2442,
12.3509

251.5623,
284.0257, 319.9692

4.0324, 5.5612,
6.8577

301.5878,

1.7205, 2.5801,

339.1154, 381.2886

3.2962

357.8410,
400.9042, 449.9808

■ 0.4690, 0.9167,
1.2478

■ 0.0000, 0.0000,
0.0184

■ 61.7324, 72.6430,
83.4409

■ 61.7324, 72.6430,
83.4409

■ 56.4621, 69.9579,
81.8434

■ 67.9097, 75.7992,
85.0988

■ 52.0483, 67.7121,
80.2994

■ 75.0288, 79.4386,
86.8142

■ 48.4454, 65.8840,
78.8080

■ 83.1302, 83.5841,
88.5906

■ 45.6008, 64.4465,
77.3670

■ 84.7477, 84.3867,
90.0785

43.4560, 63.3694,
75.9734

85.0212, 84.4961,
91.5187

41.9435, 62.6180,
74.6241

85.2976, 84.6066,
92.9741

40.9829, 62.1508,
73.3152

85.5769, 84.7184,
94.4449

40.4778, 61.9147,
72.1930

85.8591, 84.8312,
95.9310

86.1442, 84.9453,
97.4325

Harmonies

Analogous

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



61.9846, 72.6430, 72.1418



61.7324, 72.6430, 83.4409



63.3818, 72.6430, 94.5681

Triad

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



61.7324, 72.6430, 83.4409



74.2549, 72.6430, 96.9803



71.5784, 72.6430, 59.9397

Complementary

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



61.7324, 72.6430, 83.4409



58.5484, 53.9919, 53.7929

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.



75.0359, 72.6430, 65.4106



61.7324, 72.6430, 83.4409



76.6221, 72.6430, 86.4830

Square

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



61.7324, 72.6430, 83.4409



70.5459, 72.6430, 102.8753



76.9134, 72.6430, 74.9044



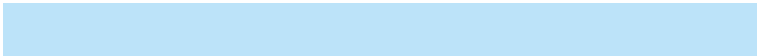
67.5655, 72.6430, 59.2960

Rectangle

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



61.7324, 72.6430, 83.4409



65.3766, 72.6430, 100.1119



76.9134, 72.6430, 74.9044



72.8481, 72.6430, 61.2484

Sweetspot

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



61.7345, 72.6460, 83.4425



89.4428, 97.1326, 107.5906



57.2915, 70.9818, 54.9384



19.0195, 20.7265, 22.9987



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.



61.7345, 72.6460, 83.4425



74.5315, 89.5179, 103.6221



56.9082, 62.0987, 84.5917



14.7540, 16.3150, 18.2352



22.7135, 34.7175, 40.5871



1.6936, 2.5715, 3.0789

Inverse Universe

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



58.5484, 53.9919, 53.7929



69.9414, 62.6372, 60.9021



62.6194, 62.8056, 53.0794



14.4245, 14.3870, 15.1701



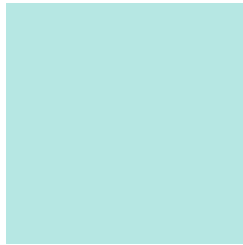
18.5583, 9.5575, 1.3031



1.3881, 0.7129, 0.1841

Previews

White Background



This preview shows how the XYZ color 61.7324, 72.6430, 83.4409 looks on a white background.

Color Contrast Check

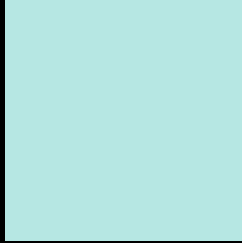
Large Text (above 18pt) WCAG AA × Fail

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 61.7324, 72.6430, 83.4409 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 61.7324, 72.6430, 83.4409

Background



This preview shows how black text looks on a background with the XYZ color 61.7324, 72.6430, 83.4409.



This preview shows how white text looks on a background with the XYZ color 61.7324, 72.6430,

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

61.7324, 72.6430, 83.4409

Protanopia

69.5628, 72.3613, 78.0109

Deuteranopia

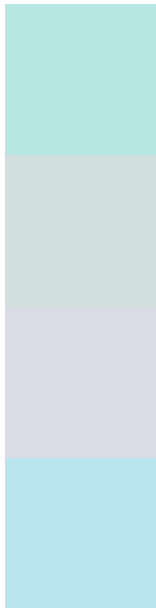
73.5894, 71.9834, 84.8785



Tritanopia

64.6277, 72.5797, 97.7918

Trichromacy



Original Color

61.7324, 72.6430, 83.4409

Protanomaly

66.2694, 72.1943, 80.2542

Deuteranomaly

68.6495, 71.7490, 84.3595

Tritanomaly

63.6069, 72.5849, 92.3192

Monochromacy



Original Color

61.7324, 72.6430, 83.4409

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6766, 69.7176, 77.8109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7324, 72.6430, 83.4409 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(182, 231, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 231, 227) }
```

Border

The CSS property to change the border of an element to XYZ 61.7324, 72.6430, 83.4409 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, 227) }
```


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

```
.border{ border-color:rgb(182, 231, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(182, 231,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7324, 72.6430, 83.4409 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, 227) }
```

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

```
.background{ background-color: rgb(182,  
231, 227) }
```

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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