

Converting Colors

XYZ(61.1810, 74.8637, 73.6358)

Have a look what the booklet for
XYZ(61.1810, 74.8637, 73.6358)
contains.

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Color

**XYZ(60.9352, 74.5681,
73.4688)**

Conversions

Conversions Part 1

Format	Color
Hex	B5ECD4
RGB	181, 236, 212
RGB Percent	71%, 93%, 83%
CMY	0.2902, 0.0745, 0.1686
CMYK	0.23, 0.00, 0.10, 0.07
HSL	154°, 59%, 82%
HSV	154°, 23%, 93%
XYZ	60.9352, 74.5681, 73.4688
YIQ	216.8190, -25.0760, -19.1240

Conversions

Conversions Part 2

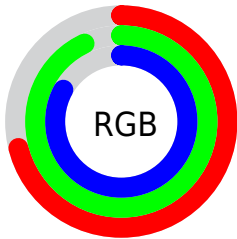
Format	Color
RYB	181, 216, 236
Decimal	11922644
CIELab	89.19, -22.27, 5.94
CIELCh	89, 23.051, 165.059
Yxy	74.5681, 0.2916, 0.3568
Android (android.graphics.Color)	4290112724 (0xFFB5ECD4)
YUV	216.8190, -2.3758, -31.4133
Hunter-Lab	86.3528, -25.1582, 10.0032

Details

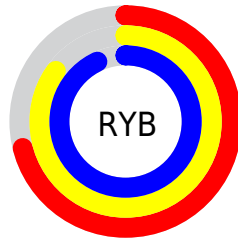
The XYZ color **60.9352, 74.5681, 73.4688** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.1380, 55.2904, 65.1580**, and the grayscale version is **65.8591, 69.2889, 75.4556**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **31.1595, 39.5889, 37.8974** is the 20% darker color. If you saturate the color by 10%, you get **54.6054, 71.4524, 66.6063**, and if you desaturate by 10%, it is **68.2894, 78.2064, 80.8150**.

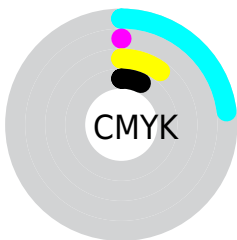
Distribution



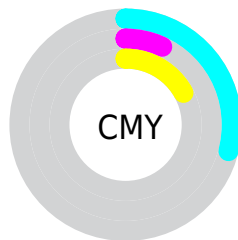
- Red (71%)
- Green (93%)
- Blue (83%)



- Red (71%)
- Yellow (85%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)





- Cyan (29%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9352, 74.5681, 73.4688 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 60.9352, 74.5681, 73.4688 by changing the saturation by 10% instead.


 60.9352, 74.5681,
73.4688

 60.9352, 74.5681,
73.4688

417.8161,
476.4318, 491.7523

 44.4252, 55.2591,
53.8652


 105.2838,
125.7008, 125.8696

 31.2043, 39.6092,
38.1015


133.8530,
158.2933, 159.5039

 20.9070, 27.2340,
25.7590


167.1728,
196.0825, 198.6522

 13.1681, 17.7490,
16.4193

205.6084,
239.4527, 243.7330

 7.6222, 10.7700,
9.6638

249.5251,
288.7883, 295.1648

 3.9039, 5.9124,
5.0739

299.2884,

 1.6479, 2.7919,

344.4738, 353.3663

2.2312

355.2636,
406.8935, 418.7559

■ 0.4233, 1.0241,
0.6923

■ 0.0000, 0.0000,
0.0000

■ 60.9352, 74.5681,
73.4688

■ 60.9352, 74.5681,
73.4688

■ 54.6054, 71.4524,
66.6063

■ 68.2894, 78.2064,
80.8150

■ 49.2451, 68.8250,
60.2124

■ 76.7071, 82.3812,
88.6499

■ 44.8034, 66.6620,
54.2778

■ 86.2331, 87.1174,
96.9847

■ 41.2222, 64.9335,
48.7915

■ 88.9981, 88.3581,
105.4585

■ 38.4362, 63.6062,
43.7416

■ 89.2868, 88.4736,
106.9789

■ 36.3704, 62.6415,
39.1156

■ 34.9339, 61.9927,
34.8998

■ 34.2313, 61.6874,
32.2976

Harmonies

Analogous

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



63.4954, 74.5681, 61.2284



60.9352, 74.5681, 73.4688



60.9404, 74.5681, 89.5036

Triad

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



60.9352, 74.5681, 73.4688



73.7204, 74.5681, 114.9061



78.7880, 74.5681, 61.1912

Complementary

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



60.9352, 74.5681, 73.4688



62.1380, 55.2904, 65.1580

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.



81.8340, 74.5681, 73.4115



60.9352, 74.5681, 73.4688



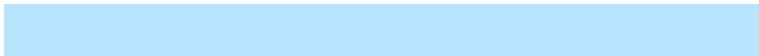
78.8048, 74.5681, 105.0822

Square

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



60.9352, 74.5681, 73.4688



68.1241, 74.5681, 114.9268



81.8403, 74.5681, 89.4383



73.6985, 74.5681, 54.8035

Rectangle

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



60.9352, 74.5681, 73.4688



62.3895, 74.5681, 100.3046



81.8403, 74.5681, 89.4383



80.0965, 74.5681, 64.6759

Sweetspot

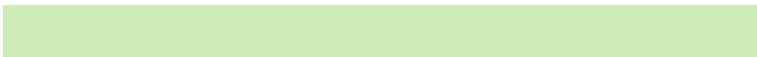
The Sweet Spot groups the original color and five complimentary colors.



60.9373, 74.5712, 73.4705



87.5561, 96.2787, 102.1349



63.7227, 76.4164, 55.1086



18.6088, 20.5422, 21.7392



0.0000, 0.0000, 0.0000



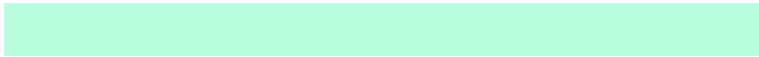
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9373, 74.5712, 73.4705



68.8645, 87.0342, 83.5779



63.4086, 74.3025, 90.3603



15.2239, 17.0044, 17.8619



18.9343, 34.0282, 18.1510



1.5350, 2.6913, 1.6790

Inverse Universe

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



62.1380, 55.2904, 65.1580



70.5323, 60.2689, 72.0432



60.0234, 55.3481, 51.2370



15.3385, 15.1632, 17.0677



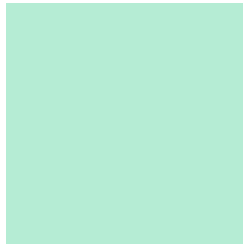
20.4794, 10.3945, 8.3259



1.6557, 0.8352, 0.9041

Previews

White Background



This preview shows how the XYZ color 60.9352, 74.5681, 73.4688 looks on a white background.

Color Contrast Check

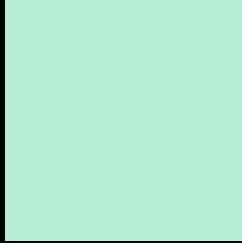
Large Text (above 18pt) WCAG AA × Fail

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 60.9352, 74.5681, 73.4688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

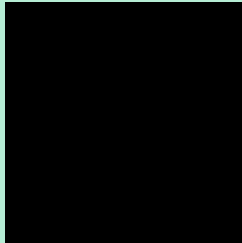
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

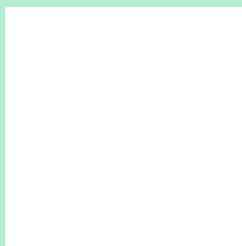
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9352, 74.5681, 73.4688

Background



This preview shows how black text looks on a background with the XYZ color 60.9352, 74.5681, 73.4688.

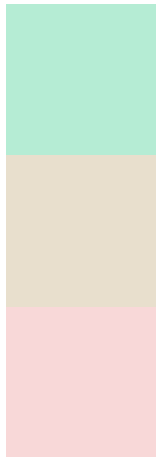


This preview shows how white text looks on a background with the XYZ color 60.9352, 74.5681,

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

60.9352, 74.5681, 73.4688

Protanopia

70.6858, 74.3389, 68.3809

Deuteranopia

75.6619, 74.0261, 75.2664



Tritanopia

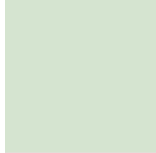
66.4138, 74.6827, 100.5374

Trichromacy



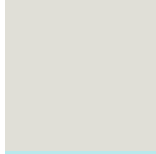
Original Color

60.9352, 74.5681, 73.4688



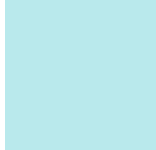
Protanomaly

66.5691, 74.1870, 70.4855



Deuteranomaly

69.3939, 73.5289, 74.8250



Tritanomaly

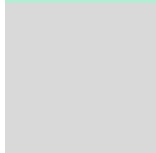
64.2868, 74.6482, 90.3772

Monochromacy



Original Color

60.9352, 74.5681, 73.4688



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.8232, 71.0550, 74.6411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9352, 74.5681, 73.4688 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(181, 236, 212)` looks like.

```
.text, #text, p{  
    color:rgb(181, 236, 212)  
}
```

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(181, 236, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 236, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.9352, 74.5681, 73.4688 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(181, 236, 212) }
```


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

```
.border{ border-color:rgb(181, 236, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 236, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 236, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 236, 212);  
box-shadow:4px 4px 4px 4px rgb(181, 236,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9352, 74.5681, 73.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 236, 212) }
```

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

```
.background{ background-color: rgb(181,  
236, 212) }
```

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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