

Converting Colors

XYZ(60.6729, 73.4451, 70.9848)

Have a look what the booklet for XYZ(60.6729, 73.4451, 70.9848) contains.

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Color

**XYZ(60.9390, 73.7634,
71.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	B9EAD1
RGB	185, 234, 209
RGB Percent	73%, 92%, 82%
CMY	0.2745, 0.0823, 0.1804
CMYK	0.21, 0.00, 0.11, 0.08
HSL	149°, 54%, 82%
HSV	149°, 21%, 92%
XYZ	60.9390, 73.7634, 71.3475
YIQ	216.4990, -21.1790, -18.1630

Conversions

Conversions Part 2

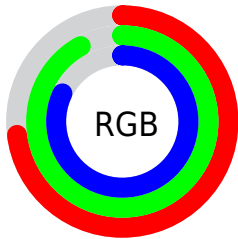
Format	Color
R _{YB}	185, 218, 234
Decimal	12184273
CIE Lab	88.81, -20.63, 6.99
CIE LCh	89, 21.779, 161.270
Yxy	73.7634, 0.2957, 0.3580
Android (android.graphics.Color)	4290374353 (0xFFB9EAD1)
YUV	216.4990, -3.6970, -27.6246
Hunter-Lab	85.8856, -23.6475, 10.8661

Details

The XYZ color **60.9390, 73.7634, 71.3475** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9161, 56.8453, 68.6321**, and the grayscale version is **65.6471, 69.0658, 75.2127**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **31.1969, 39.0326, 36.9002** is the 20% darker color. If you saturate the color by 10%, you get **54.3288, 70.5222, 63.6093**, and if you desaturate by 10%, it is **68.5932, 77.5341, 79.7161**.

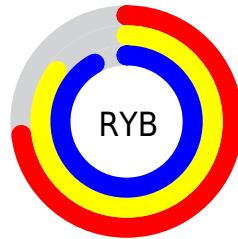
Distribution



Red (73%)

Green (92%)

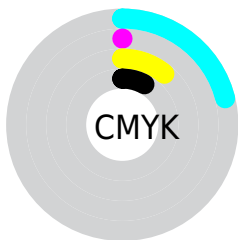
Blue (82%)



Red (73%)

Yellow (85%)

Blue (92%)

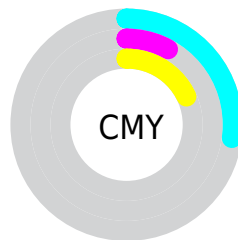


Cyan (21%)

Magenta (0%)

Yellow (11%)

Black (8%)



Cyan (27%)


Magenta (8%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9390, 73.7634, 71.3475 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 60.9390, 73.7634, 71.3475 by changing the saturation by 10% instead.

 60.9390, 73.7634,
71.3475

 60.9390, 73.7634,
71.3475


417.8298,
473.6564, 484.1836

 44.4283, 54.6004,
52.1423


 105.2892,
124.5604, 122.8275

 31.2067, 39.0819,
36.7355


133.8594,
156.9631, 155.9393

 20.9089, 26.8234,
24.7086


167.1802,
194.5479, 194.5237

 13.1695, 17.4407,
15.6430

205.6169,
237.6991, 238.9992

 7.6232, 10.5492,
9.1203

249.5348,
286.8012, 289.7845

 3.9046, 5.7646,
4.7218


299.2994,

 1.6483, 2.7025,


342.2385, 347.2979


2.0291


355.2759,
404.3954, 411.9581


 0.4236, 0.9784,
0.5731


 0.0000, 0.0000,
0.0000


 60.9390, 73.7634,
71.3475


 60.9390, 73.7634,
71.3475


 54.3288, 70.5222,
63.6093


 68.5932, 77.5341,
79.7161


 48.7086, 67.7768,
56.4816

 77.3299, 81.8477,
88.7243

 44.0287, 65.5040,
49.9508

 87.1183, 86.6901,
98.3842

 40.2326, 63.6747,
44.0005

 88.7142, 87.3285,
106.7881

■ 37.2571, 62.2570,
38.6139

■ 35.0303, 61.2139,
33.7729

■ 33.4665, 60.5016,
29.4583

■ 32.4962, 60.0772,
25.9848

Harmonies

Analogous

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



63.6321, 73.7634, 60.4073



60.9390, 73.7634, 71.3475



60.6286, 73.7634, 86.1259

Triad

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



60.9390, 73.7634, 71.3475



72.1103, 73.7634, 112.2935



78.0103, 73.7634, 62.6437

Complementary

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



60.9390, 73.7634, 71.3475



62.9161, 56.8453, 68.6321

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.



80.5315, 73.7634, 74.7731



60.9390, 73.7634, 71.3475



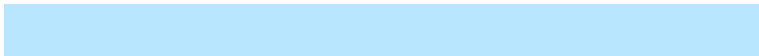
77.0130, 73.7634, 104.1784

Square

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



60.9390, 73.7634, 71.3475



66.9042, 73.7634, 111.0754



80.1576, 73.7634, 90.0058



73.4164, 73.7634, 55.8341

Rectangle

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



60.9390, 73.7634, 71.3475



61.7955, 73.7634, 96.3519



80.1576, 73.7634, 90.0058



79.1385, 73.7634, 66.1656

Sweetspot

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



60.9410, 73.7665, 71.3491



88.4118, 96.7201, 102.1613



64.8509, 76.1000, 57.1706



18.7754, 20.6289, 21.7134



0.0000, 0.0000, 0.0000



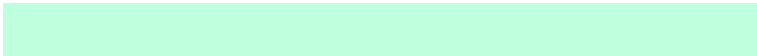
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9410, 73.7665, 71.3491



70.5570, 87.9281, 82.6928



64.1671, 75.0569, 88.3373



15.1758, 16.9851, 17.6086



18.3235, 33.7839, 14.9343



1.4873, 2.6722, 1.4280

Inverse Universe

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



62.9161, 56.8453, 68.6321



73.3498, 64.0005, 78.8503



60.1262, 55.7293, 53.9410



15.3862, 15.1823, 17.3192



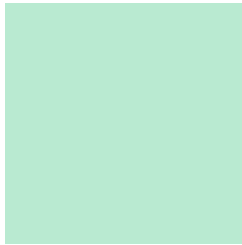
21.0161, 10.6091, 11.1522



1.6989, 0.8525, 1.1316

Previews

White Background



This preview shows how the XYZ color 60.9390, 73.7634, 71.3475 looks on a white background.

Color Contrast Check

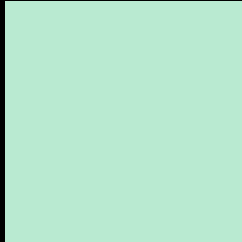
Large Text (above 18pt) WCAG AA × Fail

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 60.9390, 73.7634, 71.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

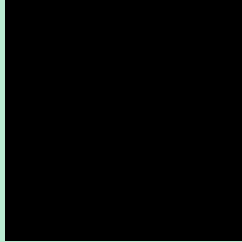
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

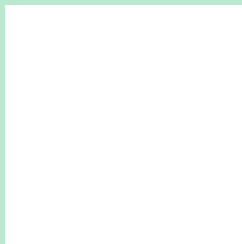
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9390, 73.7634, 71.3475

Background



This preview shows how black text looks on a background with the XYZ color 60.9390, 73.7634, 71.3475.



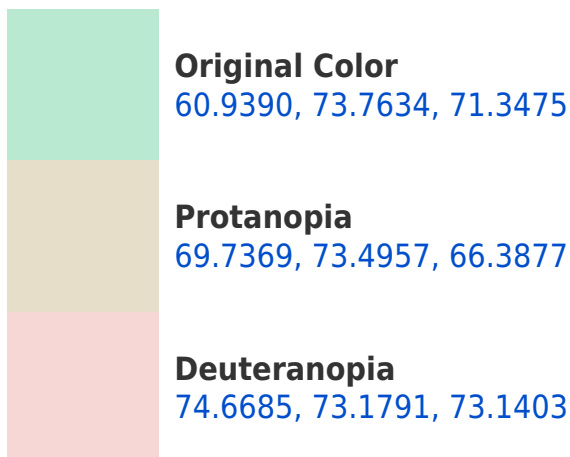
This preview shows how white text looks on a background with the XYZ color 60.9390, 73.7634,

71.3475.

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

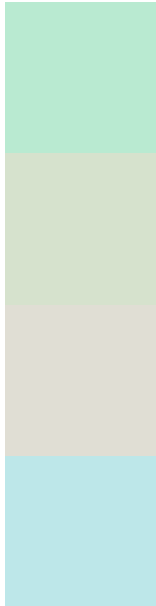




Tritanopia

66.5460, 73.9605, 98.7641

Trichromacy



Original Color

60.9390, 73.7634, 71.3475

Protanomaly

65.9474, 73.0966, 68.3909

Deuteranomaly

68.7454, 72.8433, 72.7242

Tritanomaly

64.2702, 73.8538, 87.9586

Monochromacy



Original Color

60.9390, 73.7634, 71.3475

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

63.7021, 70.6095, 73.8899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9390, 73.7634, 71.3475 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(185, 234, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 234, 209)  
}
```

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(185, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 234, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.9390, 73.7634, 71.3475 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(185, 234, 209) }
```


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

```
.border{ border-color:rgb(185, 234, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 234, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 234, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 234, 209);  
box-shadow:4px 4px 4px 4px rgb(185, 234,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9390, 73.7634, 71.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 234, 209) }
```

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

```
.background{ background-color: rgb(185,  
234, 209) }
```

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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