

Converting Colors

XYZ(60.2395, 73.9217, 51.0657)

Have a look what the booklet for
XYZ(60.2395, 73.9217, 51.0657)
contains.

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Color

**XYZ(60.0888, 73.7719,
51.1168)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EAAE
RGB	197, 234, 174
RGB Percent	77%, 92%, 68%
CMY	0.2274, 0.0823, 0.3176
CMYK	0.16, 0.00, 0.26, 0.08
HSL	97°, 59%, 80%
HSV	97°, 26%, 92%
XYZ	60.0888, 73.7719, 51.1168
YIQ	216.0970, -2.7920, -26.5040

Conversions

Conversions Part 2

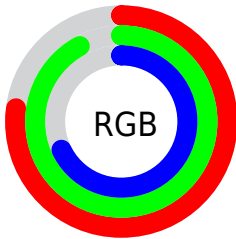
Format	Color
RYB	174, 234, 211
Decimal	12970670
CIELab	88.81, -22.66, 25.27
CIELCh	89, 33.943, 131.875
Yxy	73.7719, 0.3248, 0.3988
Android (android.graphics.Color)	4291160750 (0xFFC5EAAE)
YUV	216.0970, -20.7538, -16.7481
Hunter-Lab	85.8906, -25.4304, 24.8376

Details

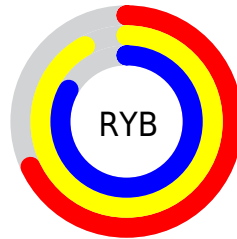
The XYZ color **60.0888, 73.7719, 51.1168** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.8542, 50.0635, 84.5124**, and the grayscale version is **65.4764, 68.8862, 75.0171**.

A 20% lighter version of the original color is **90.9160, 98.3040, 89.0457**, and **30.6993, 39.0609, 24.0106** is the 20% darker color. If you saturate the color by 10%, you get **54.4042, 71.0846, 39.9621**, and if you desaturate by 10%, it is **66.5365, 76.8111, 64.3847**.

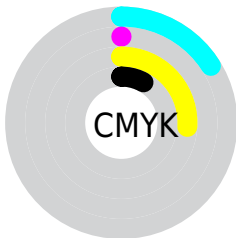
Distribution



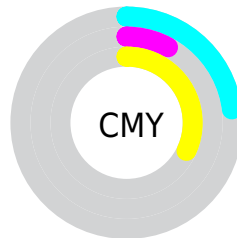
- Red (77%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)





- Cyan (23%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0888, 73.7719, 51.1168 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 60.0888, 73.7719, 51.1168 by changing the saturation by 10% instead.


 60.0888, 73.7719,
51.1168

 60.0888, 73.7719,
51.1168


414.7545,
473.6857, 407.8769

 43.7399, 54.6074,
35.9242


 104.0641,
124.5724, 93.2407

 30.6631, 39.0875,
24.0864


132.4212,
156.9772, 121.0090

 20.4930, 26.8278,
15.1850


165.5118,
194.5641, 153.8064

 12.8643, 17.4439,
8.8012

203.7013,
237.7177, 192.0512

 7.4115, 10.5515,
4.5167

247.3549,
286.8222, 236.1622

 3.7694, 5.7661,
1.9129


296.8381,

 1.5725, 2.7034,


342.2622, 286.5578


0.5009


352.5162,
404.4219, 343.6565


 0.3744, 0.9789,
0.0000


 0.0000, 0.0000,
0.0000


 60.0888, 73.7719,
51.1168


 60.0888, 73.7719,
51.1168


 54.4042, 71.0846,
39.9621


 66.5365, 76.8111,
64.3847

 49.4462, 68.7262,
30.8069

 73.7704, 80.2052,
79.8622

 45.1837, 66.6853,
23.5338

 81.8196, 83.9694,
97.6456

 41.5808, 64.9465,
18.0115

 88.6134, 87.2766,
106.7834

■ 38.5977, 63.4923,
14.0918

■ 88.7143, 87.3285,
106.7881

■ 36.1893, 62.3034,
11.6016

■ 34.3022, 61.3568,
10.3280

■ 33.6110, 61.0069,
10.0040

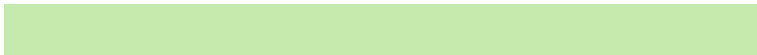
Harmonies

Analogous

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



66.9158, 73.7719, 43.6746



60.0888, 73.7719, 51.1168



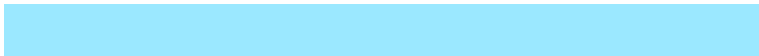
56.1450, 73.7719, 67.0513

Triad

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



60.0888, 73.7719, 51.1168



65.3155, 73.7719, 131.4766



86.7488, 73.7719, 71.3665

Complementary

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



60.0888, 73.7719, 51.1168



56.8542, 50.0635, 84.5124

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.



86.2359, 73.7719, 95.2442



60.0888, 73.7719, 51.1168



73.4207, 73.7719, 133.2584

Square

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



60.0888, 73.7719, 51.1168



58.9963, 73.7719, 114.4840



81.2053, 73.7719, 118.9602



82.5563, 73.7719, 53.7420

Rectangle

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



60.0888, 73.7719, 51.1168



55.4788, 73.7719, 81.8152



81.2053, 73.7719, 118.9602



87.1294, 73.7719, 78.8531

Sweetspot

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



60.0907, 73.7751, 51.1184



87.4597, 96.4466, 92.3010



64.8688, 67.1399, 49.5858



18.4297, 20.5074, 19.1313



0.0000, 0.0000, 0.0000



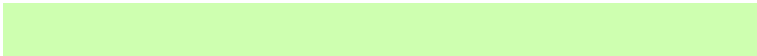
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0907, 73.7751, 51.1184



69.1145, 87.8102, 54.3547



55.2211, 71.1838, 54.5468



15.4141, 17.1435, 16.0153



19.0165, 34.3478, 5.6275



1.5976, 2.7509, 0.4468

Inverse Universe

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



56.8542, 50.0635, 84.5124



64.5235, 54.2105, 101.6707



62.9356, 53.3125, 79.6498



15.1232, 15.0088, 19.0222



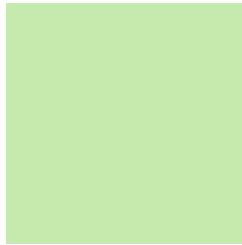
14.9838, 6.7603, 44.2581



1.2833, 0.5859, 3.4803

Previews

White Background



This preview shows how the XYZ color 60.0888, 73.7719, 51.1168 looks on a white background.

Color Contrast Check

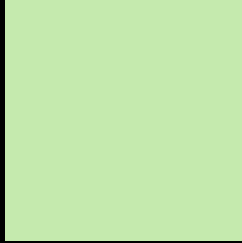
Large Text (above 18pt) WCAG AA × Fail

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 60.0888, 73.7719, 51.1168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

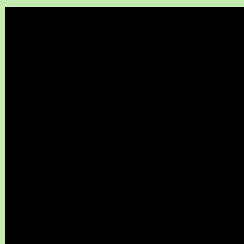
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

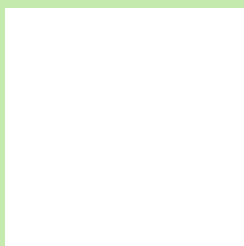
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0888, 73.7719, 51.1168

Background



This preview shows how black text looks on a background with the XYZ color 60.0888, 73.7719, 51.1168.



This preview shows how white text looks on a background with the XYZ color 60.0888, 73.7719,

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

60.0888, 73.7719, 51.1168

Protanopia

68.5426, 73.2843, 48.0688

Deuteranopia

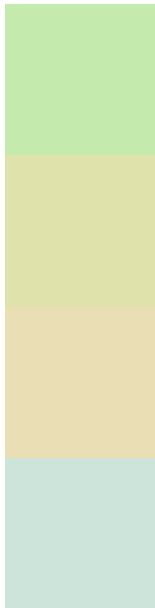
74.1922, 73.3216, 55.5895



Tritanopia

69.1153, 73.7314, 95.3828

Trichromacy



Original Color

60.0888, 73.7719, 51.1168

Protanomaly

64.9785, 73.0210, 49.1978

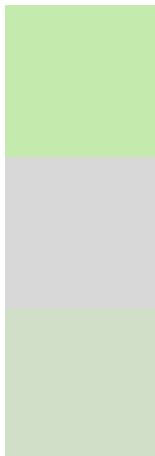
Deuteranomaly

68.2912, 73.0303, 53.6769

Tritanomaly

65.3001, 73.3861, 77.0529

Monochromacy



Original Color

60.0888, 73.7719, 51.1168

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.2248, 70.5477, 65.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0888, 73.7719, 51.1168 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(197, 234, 174)` looks like.

```
.text, #text, p{  
    color:rgb(197, 234, 174)  
}
```

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(197, 234, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 234, 174) }
```

Border

The CSS property to change the border of an element to XYZ 60.0888, 73.7719, 51.1168 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(197, 234, 174) }
```


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

```
.border{ border-color:rgb(197, 234, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 234, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 234, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 234, 174);  
box-shadow:4px 4px 4px 4px rgb(197, 234,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0888, 73.7719, 51.1168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 234, 174) }
```

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

```
.background{ background-color: rgb(197,  
234, 174) }
```

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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