

Converting Colors

XYZ(60.2731, 71.6254, 58.1750)

Have a look what the booklet for
XYZ(60.2731, 71.6254, 58.1750)
contains.

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Color

**XYZ(60.3851, 71.6752,
58.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E5BC
RGB	198, 229, 188
RGB Percent	78%, 90%, 74%
CMY	0.2235, 0.1019, 0.2627
CMYK	0.14, 0.00, 0.18, 0.10
HSL	105°, 44%, 82%
HSV	105°, 18%, 90%
XYZ	60.3851, 71.6752, 58.2290
YIQ	215.0570, -5.3150, -19.3230

Conversions

Conversions Part 2

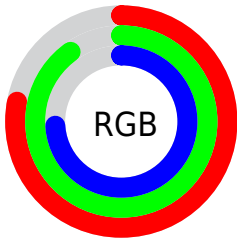
Format	Color
RYB	188, 229, 219
Decimal	13034940
CIELab	87.81, -17.63, 16.65
CIELCh	88, 24.249, 136.645
Yxy	71.6752, 0.3173, 0.3767
Android (android.graphics.Color)	4291225020 (0xFFC6E5BC)
YUV	215.0570, -13.3391, -14.9590
Hunter-Lab	84.6612, -20.8409, 18.4839

Details

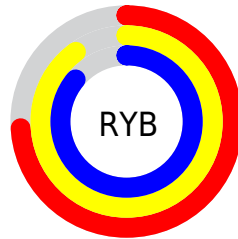
The XYZ color **60.3851, 71.6752, 58.2290** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.3424, 56.6856, 81.8408**, and the grayscale version is **64.7216, 68.0922, 74.1524**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **30.8183, 37.5657, 28.5483** is the 20% darker color. If you saturate the color by 10%, you get **53.8038, 68.5475, 46.0409**, and if you desaturate by 10%, it is **67.8839, 75.2348, 72.5078**.

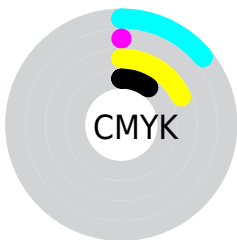
Distribution



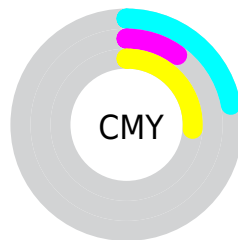
- Red (78%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3851, 71.6752, 58.2290 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 60.3851, 71.6752, 58.2290 by changing the saturation by 10% instead.


 60.3851, 71.6752,
58.2290

 60.3851, 71.6752,
58.2290


415.8278,
466.4103, 435.6608

 43.9798, 52.8934,
41.5769


 104.4913,
121.5946, 103.7743

 30.8524, 37.7177,
28.4470


132.9228,
153.5011, 133.5046

 20.6378, 25.7636,
18.4209


166.0938,
190.5511, 168.4313

 12.9704, 16.6469,
11.0801

204.3696,
233.1293, 208.9731

 7.4851, 9.9831,
6.0059

248.1155,
281.6199, 255.5483

 3.8163, 5.3877,
2.7798

297.6970,

 1.5987, 2.4765,

336.4073, 308.5757

0.9833

353.4793,
397.8760, 368.4736

■ 0.3916, 0.8648,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3851, 71.6752,
58.2290

■ 60.3851, 71.6752,
58.2290

■ 53.8038, 68.5475,
46.0409

■ 67.8839, 75.2348,
72.5078

■ 48.0983, 65.8261,
35.8410

■ 76.3282, 79.2325,
88.9640

■ 43.2321, 63.4965,
27.5250

■ 85.4767, 83.5760,
106.2344

■ 39.1639, 61.5400,
20.9773

■ 87.3107, 84.5214,
106.3202

■ 35.8487, 59.9361,
16.0699

■ 33.2364, 58.6622,
12.6570

■ 31.2704, 57.6929,
10.5675

■ 29.8789, 56.9963,
9.5644

■ 29.6430, 56.8778,
9.4162

Harmonies

Analogous

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



65.0016, 71.6752, 51.4260



60.3851, 71.6752, 58.2290



57.9073, 71.6752, 70.9426

Triad

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



60.3851, 71.6752, 58.2290



65.5989, 71.6752, 113.1505



79.2970, 71.6752, 69.3042

Complementary

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



60.3851, 71.6752, 58.2290



61.3424, 56.6856, 81.8408

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.



79.4793, 71.6752, 85.6001



60.3851, 71.6752, 58.2290



71.3472, 71.6752, 112.5476

Square

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



60.3851, 71.6752, 58.2290



60.8011, 71.6752, 103.4524



76.4998, 71.6752, 101.9058



76.0149, 71.6752, 57.1758

Rectangle

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



60.3851, 71.6752, 58.2290



57.7056, 71.6752, 81.7707



76.4998, 71.6752, 101.9058



79.7290, 71.6752, 74.4286

Sweetspot

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



60.3870, 71.6783, 58.2306



89.6063, 97.4230, 98.2832



66.6595, 70.8247, 57.7352



19.0210, 20.7775, 20.7295



0.0000, 0.0000, 0.0000



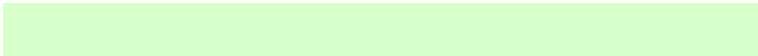
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3870, 71.6783, 58.2306



74.2360, 90.1311, 69.0207



58.9824, 70.8219, 64.1403



14.5169, 16.2580, 15.2774



17.0387, 32.5652, 5.3877



1.3416, 2.4490, 0.4020

Inverse Universe

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



61.3424, 56.6856, 81.8408



75.6394, 68.0702, 103.7600



63.0522, 57.7276, 74.6677



14.6337, 14.4289, 18.1581



18.0731, 8.3829, 43.0487



1.4178, 0.6619, 3.1850

Previews

White Background



This preview shows how the XYZ color 60.3851, 71.6752, 58.2290 looks on a white background.

Color Contrast Check

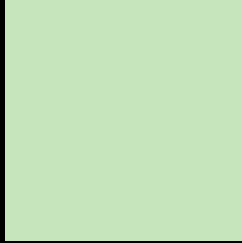
Large Text (above 18pt) WCAG AA × Fail

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 60.3851, 71.6752, 58.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

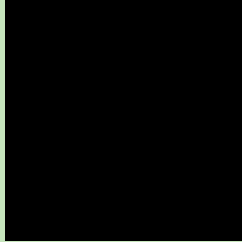
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3851, 71.6752, 58.2290

Background



This preview shows how black text looks on a background with the XYZ color 60.3851, 71.6752, 58.2290.



This preview shows how white text looks on a background with the XYZ color 60.3851, 71.6752,

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

60.3851, 71.6752, 58.2290

Protanopia

67.1575, 71.2377, 55.0104

Deuteranopia

72.8416, 71.4020, 59.8120



Tritanopia

67.1549, 71.5964, 91.9414

Trichromacy



Original Color

60.3851, 71.6752, 58.2290

Protanomaly

64.6598, 71.4938, 56.2907

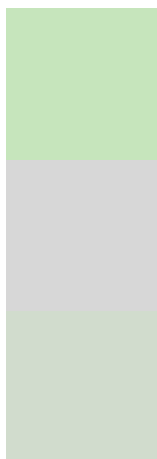
Deuteranomaly

67.7541, 71.0602, 59.4352

Tritanomaly

64.4721, 71.7142, 78.1543

Monochromacy



Original Color

60.3851, 71.6752, 58.2290

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.9071, 69.1495, 67.7892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3851, 71.6752, 58.2290 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(198, 229, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 229, 188)  
}
```

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(198, 229, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 229, 188) }
```

Border

The CSS property to change the border of an element to XYZ 60.3851, 71.6752, 58.2290 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(198, 229, 188) }
```


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

```
.border{ border-color:rgb(198, 229, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 229, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 229, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 229, 188); box-shadow:4px 4px 4px 4px rgb(198, 229, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3851, 71.6752, 58.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 229, 188) }
```

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

```
.background{ background-color: rgb(198,  
229, 188) }
```

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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