

Converting Colors

XYZ(57.2430, 71.2771, 52.4310)

Have a look what the booklet for
XYZ(57.2430, 71.2771, 52.4310)
contains.

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Color

**XYZ(57.2859, 71.4523,
52.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE8B1
RGB	187, 232, 177
RGB Percent	73%, 91%, 69%
CMY	0.2667, 0.0902, 0.3059
CMYK	0.19, 0.00, 0.24, 0.09
HSL	109°, 54%, 80%
HSV	109°, 24%, 91%
XYZ	57.2859, 71.4523, 52.3674
YIQ	212.2750, -9.1650, -26.6450

Conversions

Conversions Part 2

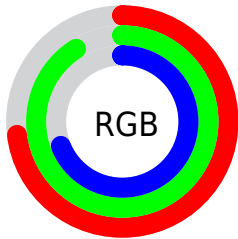
Format	Color
RYB	177, 232, 222
Decimal	12314801
CIELab	87.70, -24.65, 22.10
CIELCh	88, 33.108, 138.120
Yxy	71.4523, 0.3163, 0.3945
Android (android.graphics.Color)	4290504881 (0xFFBBE8B1)
YUV	212.2750, -17.3906, -22.1662
Hunter-Lab	84.5295, -26.9565, 22.4395

Details

The XYZ color **57.2859, 71.4523, 52.3674** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.4149, 52.8022, 83.3553**, and the grayscale version is **62.8803, 66.1549, 72.0427**.

A 20% lighter version of the original color is **87.7762, 96.6363, 91.1172**, and **28.8363, 37.4924, 24.7857** is the 20% darker color. If you saturate the color by 10%, you get **50.8265, 68.3693, 41.0031**, and if you desaturate by 10%, it is **64.7562, 75.0152, 65.8342**.

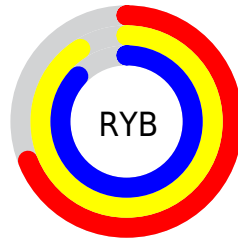
Distribution



Red (73%)

Green (91%)

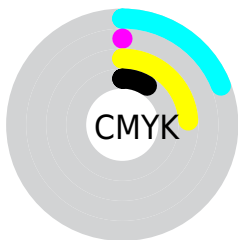
Blue (69%)



Red (69%)

Yellow (91%)

Blue (87%)

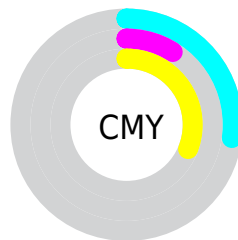


Cyan (19%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (27%)

Magenta (9%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2859, 71.4523, 52.3674 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 57.2859, 71.4523, 52.3674 by changing the saturation by 10% instead.

■ 57.2859, 71.4523,
52.3674

■ 57.2859, 71.4523,
52.3674

404.5166,
465.6330, 412.8506

■ 41.4759, 52.7114,
36.9137

■ 100.0112,
121.2775, 95.1049

■ 28.8804, 37.5724,
24.8455

127.6571,
153.1306, 123.2259

■ 19.1342, 25.6510,
15.7440

159.9791,
190.1233, 156.4064

■ 11.8719, 16.5627,
9.1908

197.3425,
232.6398, 195.0650

■ 6.7281, 9.9232,
4.7673

240.1125,
281.0646, 239.6201

■ 3.3374, 5.3481,
2.0551


288.6547,


■ 1.3346, 2.4529,


335.7822, 290.4904


0.5888


343.3343,
397.1769, 348.0944

 0.2089, 0.8529,
0.0000


 0.0000, 0.0000,
0.0000


 57.2859, 71.4523,
52.3674


 57.2859, 71.4523,
52.3674

 50.8265, 68.3693,
41.0031


 64.7562, 75.0152,
65.8342


 45.3286, 65.7368,
31.6307

 73.2727, 79.0677,
81.4971

 40.7469, 63.5360,
24.1368

 82.8762, 83.6311,
99.4497

 37.0303, 61.7433,
18.3946

 88.1480, 86.1960,
106.5993

■ 34.1225, 60.3327,
14.2618

■ 31.9601, 59.2752,
11.5736

■ 30.4692, 58.5370,
10.1300

■ 29.8201, 58.2120,
9.6644

Harmonies

Analogous

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



63.3273, 71.4523, 43.5289



57.2859, 71.4523, 52.3674



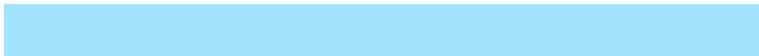
54.1904, 71.4523, 69.2370

Triad

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



57.2859, 71.4523, 52.3674



64.8537, 71.4523, 128.2185



83.2888, 71.4523, 65.1175

Complementary

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



57.2859, 71.4523, 52.3674



60.4149, 52.8022, 83.3553

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.



83.7769, 71.4523, 87.0401



57.2859, 71.4523, 52.3674



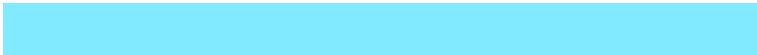
72.7154, 71.4523, 126.5272

Square

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



57.2859, 71.4523, 52.3674



58.3291, 71.4523, 114.6174



79.7798, 71.4523, 110.3644



78.4937, 71.4523, 49.8539

Rectangle

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



57.2859, 71.4523, 52.3674



54.0426, 71.4523, 84.0647



79.7798, 71.4523, 110.3644



83.9748, 71.4523, 71.8534

Sweetspot

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



57.2878, 71.4554, 52.3690



87.1374, 96.2377, 94.2188



67.3167, 72.5317, 52.0481



18.5116, 20.5325, 19.9098



0.0000, 0.0000, 0.0000



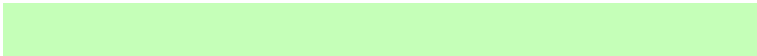
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2878, 71.4554, 52.3690



67.2858, 86.7776, 58.3313



56.7748, 70.9773, 61.9941



14.4325, 16.2145, 15.2735



16.6298, 32.3544, 5.3686



1.2999, 2.4275, 0.4000

Inverse Universe

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



60.4149, 52.8022, 83.3553



71.7325, 60.2159, 102.4499



61.2157, 53.4869, 71.1100



14.7247, 14.4758, 18.1624



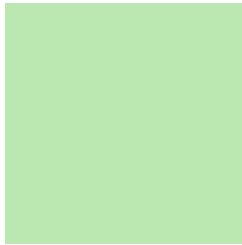
19.9494, 9.3502, 43.1365



1.5413, 0.7256, 3.1908

Previews

White Background



This preview shows how the XYZ color 57.2859, 71.4523, 52.3674 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 57.2859, 71.4523, 52.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

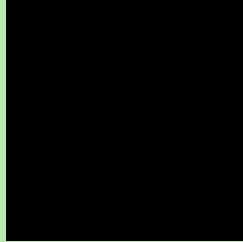
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2859, 71.4523, 52.3674

Background



This preview shows how black text looks on a background with the XYZ color 57.2859, 71.4523, 52.3674.



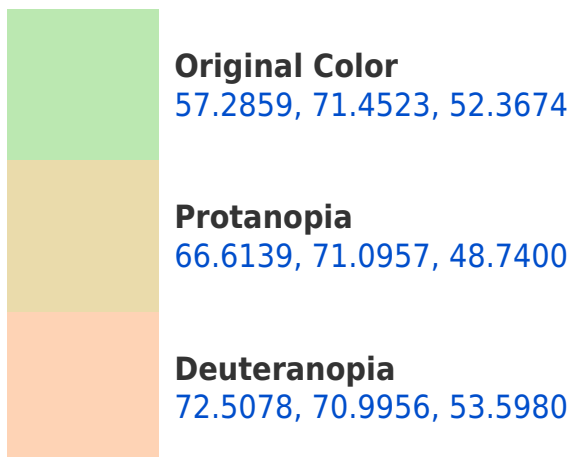
This preview shows how white text looks on a background with the XYZ color 57.2859, 71.4523, 52.3674.

52.3674.

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

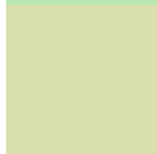
65.5536, 71.1320, 93.4939

Trichromacy



Original Color

57.2859, 71.4523, 52.3674



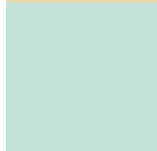
Protanomaly

62.8138, 71.0802, 49.9444



Deuteranomaly

66.2029, 70.7813, 53.3529



Tritanomaly

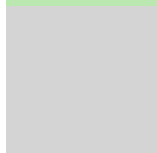
62.0994, 70.9240, 76.7464

Monochromacy



Original Color

57.2859, 71.4523, 52.3674



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.2689, 67.4831, 63.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2859, 71.4523, 52.3674 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(187, 232, 177)` looks like.

```
.text, #text, p{  
    color:rgb(187, 232, 177)  
}
```

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(187, 232, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 232, 177) }
```

Border

The CSS property to change the border of an element to XYZ 57.2859, 71.4523, 52.3674 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(187, 232, 177) }
```


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

```
.border{ border-color:rgb(187, 232, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 232, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 232, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 232, 177); box-shadow:4px 4px 4px 4px rgb(187, 232, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2859, 71.4523, 52.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 232, 177) }
```

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

```
.background{ background-color: rgb(187,  
232, 177) }
```

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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