

Converting Colors

XYZ(56.8517, 72.6984, 51.2179)

Have a look what the booklet for
XYZ(56.8517, 72.6984, 51.2179)
contains.

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Color

**XYZ(56.6397, 72.4177,
51.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EBAE
RGB	182, 235, 174
RGB Percent	71%, 92%, 68%
CMY	0.2863, 0.0784, 0.3176
CMYK	0.23, 0.00, 0.26, 0.08
HSL	112°, 60%, 80%
HSV	112°, 26%, 92%
XYZ	56.6397, 72.4177, 51.0372
YIQ	212.1990, -12.0070, -30.2070

Conversions

Conversions Part 2

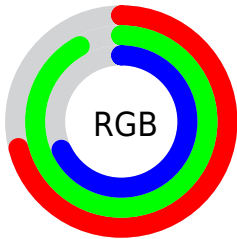
Format	Color
RYB	174, 235, 227
Decimal	11987886
CIELab	88.17, -28.25, 24.24
CIElCh	88, 37.225, 139.365
Yxy	72.4177, 0.3145, 0.4021
Android (android.graphics.Color)	4290177966 (0xFFB6EBAE)
YUV	212.1990, -18.8321, -26.4845
Hunter-Lab	85.0986, -30.1170, 24.0103

Details

The XYZ color **56.6397, 72.4177, 51.0372** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.8131, 52.6033, 85.4966**, and the grayscale version is **62.8403, 66.1129, 71.9969**.

A 20% lighter version of the original color is **85.6395, 95.5839, 88.7988**, and **28.4734, 38.2099, 23.9637** is the 20% darker color. If you saturate the color by 10%, you get **50.0708, 69.2754, 39.7989**, and if you desaturate by 10%, it is **64.3165, 76.0890, 64.4226**.

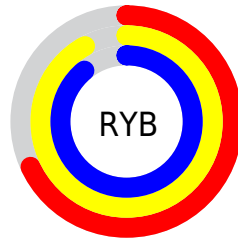
Distribution



Red (71%)

Green (92%)

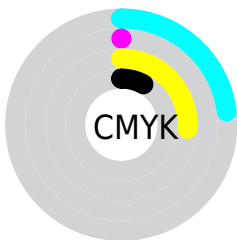
Blue (68%)



Red (68%)

Yellow (92%)

Blue (89%)

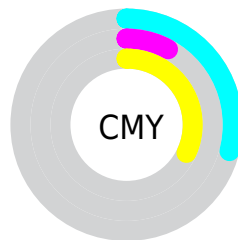


Cyan (23%)

Magenta (0%)

Yellow (26%)

Black (8%)



Cyan (29%)

Magenta (8%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6397, 72.4177, 51.0372 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 56.6397, 72.4177, 51.0372 by changing the saturation by 10% instead.

■ 56.6397, 72.4177,
51.0372

■ 56.6397, 72.4177,
51.0372

402.1339,
468.9942, 407.5590

■ 40.9550, 53.5000,
35.8613

■ 99.0737, 122.6502,
93.1218

■ 28.4715, 38.2020,
24.0382

126.5537,
154.7338, 120.8676

■ 18.8236, 26.1395,
15.1495

158.6962,
191.9747, 153.6404

■ 11.6462, 16.9281,
8.7766

195.8666,
234.7574, 191.8588

■ 6.5737, 10.1832,
4.5009

238.4302,
283.4664, 235.9413

■ 3.2409, 5.5206,
1.9040


286.7524,

■ 1.2824, 2.5558,


338.4859, 286.3065


0.4953


341.1985,
400.2003, 343.3729


 0.1700, 0.9045,
0.0000


 0.0000, 0.0000,
0.0000


 56.6397, 72.4177,
51.0372


 56.6397, 72.4177,
51.0372


 50.0708, 69.2754,
39.7989


 64.3165, 76.0890,
64.4226


 44.5528, 66.6289,
30.5916

 73.1432, 80.3026,
80.0537

 40.0325, 64.4553,
23.2953

 83.1668, 85.0824,
98.0287

 36.4493, 62.7266,
17.7758

 88.9998, 87.8995,
106.8833

■ 33.7362, 61.4113,
13.8813

■ 31.8169, 60.4741,
11.4345

■ 30.6011, 59.8730,
10.2166

■ 30.2693, 59.7079,
9.9294

Harmonies

Analogous

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



63.3090, 72.4177, 41.0509



56.6397, 72.4177, 51.0372



53.3393, 72.4177, 70.1439

Triad

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



56.6397, 72.4177, 51.0372



65.7195, 72.4177, 137.5189



86.2778, 72.4177, 63.6852

Complementary

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



56.6397, 72.4177, 51.0372



61.8131, 52.6033, 85.4966

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.



87.0642, 72.4177, 88.2494



56.6397, 72.4177, 51.0372



74.6648, 72.4177, 134.7392

Square

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



56.6397, 72.4177, 51.0372



58.2732, 72.4177, 122.2157



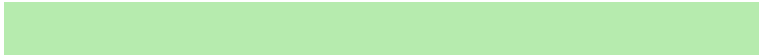
82.6567, 72.4177, 115.2834



80.5924, 72.4177, 47.1895

Rectangle

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



56.6397, 72.4177, 51.0372



53.2838, 72.4177, 87.1006



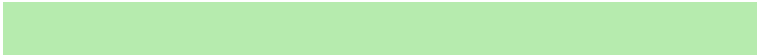
82.6567, 72.4177, 115.2834



87.1413, 72.4177, 71.1386

Sweetspot

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



56.6416, 72.4208, 51.0388



85.7146, 95.5469, 92.2194



69.3367, 75.5869, 50.9808



17.9929, 20.2823, 19.1109



0.0000, 0.0000, 0.0000



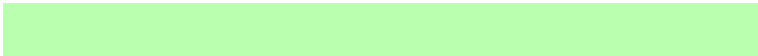
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6416, 72.4208, 51.0388



63.9179, 85.1312, 54.1115



57.1718, 72.4208, 63.4109



15.0519, 16.9568, 15.9984



16.9046, 33.2591, 5.5287



1.3862, 2.6420, 0.4369

Inverse Universe

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



61.8131, 52.6033, 85.4966



71.0944, 57.5979, 101.9782



61.3633, 52.7217, 69.6518



15.5092, 15.2078, 19.0402



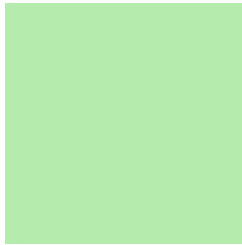
22.3109, 10.5376, 44.6010



1.8060, 0.8553, 3.5048

Previews

White Background



This preview shows how the XYZ color 56.6397, 72.4177, 51.0372 looks on a white background.

Color Contrast Check

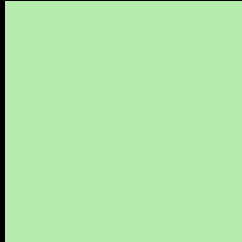
Large Text (above 18pt) WCAG AA × Fail

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 56.6397, 72.4177, 51.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

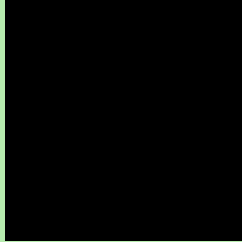
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6397, 72.4177, 51.0372

Background



This preview shows how black text looks on a background with the XYZ color 56.6397, 72.4177, 51.0372.

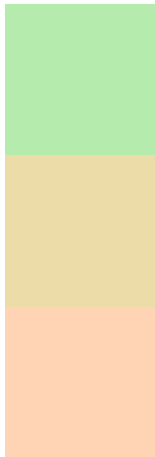


This preview shows how white text looks on a background with the XYZ color 56.6397, 72.4177,

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

56.6397, 72.4177, 51.0372

Protanopia

67.1603, 71.8093, 46.8801

Deuteranopia

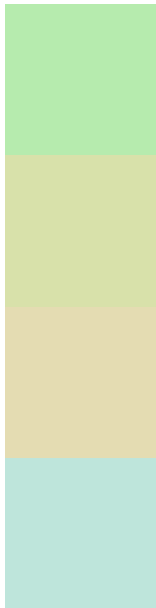
73.1240, 71.6832, 53.6982



Tritanopia

65.7736, 72.3937, 96.0947

Trichromacy



Original Color

56.6397, 72.4177, 51.0372

Protanomaly

62.4998, 71.3516, 48.5084

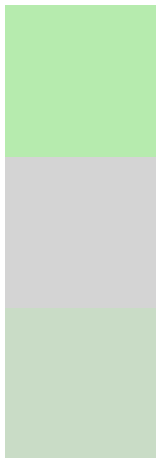
Deuteranomaly

65.6240, 70.8947, 52.3448

Tritanomaly

62.0407, 72.1002, 77.6647

Monochromacy



Original Color

56.6397, 72.4177, 51.0372

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

59.8736, 67.6811, 63.3342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6397, 72.4177, 51.0372 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(182, 235, 174)` looks like.

```
.text, #text, p{  
    color:rgb(182, 235, 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(182, 235, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 235, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.6397, 72.4177, 51.0372 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(182, 235, 174) }
```


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

```
.border{ border-color:rgb(182, 235, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 235, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 235, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 235, 174);  
box-shadow:4px 4px 4px 4px rgb(182, 235,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6397, 72.4177, 51.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 235, 174) }
```

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

```
.background{ background-color: rgb(182,  
235, 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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