

Converting Colors

XYZ(56.2609, 72.7962, 56.9832)

Have a look what the booklet for
XYZ(56.2609, 72.7962, 56.9832)
contains.

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Color

**XYZ(56.2747, 72.9554,
57.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEDB9
RGB	173, 237, 185
RGB Percent	68%, 93%, 73%
CMY	0.3216, 0.0706, 0.2745
CMYK	0.27, 0.00, 0.22, 0.07
HSL	131°, 64%, 80%
HSV	131°, 27%, 93%
XYZ	56.2747, 72.9554, 57.0147
YIQ	211.9360, -21.4520, -29.7400

Conversions

Conversions Part 2

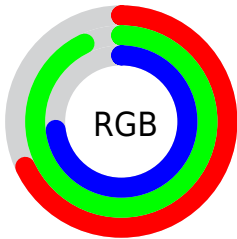
Format	Color
RYB	173, 227, 237
Decimal	11398585
CIELab	88.43, -30.26, 18.84
CIELCh	88, 35.650, 148.092
Yxy	72.9554, 0.3022, 0.3917
Android (android.graphics.Color)	4289588665 (0xFFAEDDB9)
YUV	211.9360, -13.2794, -34.1469
Hunter-Lab	85.4139, -31.8702, 20.2131

Details

The XYZ color **56.2747, 72.9554, 57.0147** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.4617, 53.3295, 78.1861**, and the grayscale version is **62.6340, 65.8959, 71.7606**.

A 20% lighter version of the original color is **84.2703, 94.6939, 97.0553**, and **28.2965, 38.6356, 27.7958** is the 20% darker color. If you saturate the color by 10%, you get **49.5946, 69.7329, 46.7999**, and if you desaturate by 10%, it is **64.1637, 76.7734, 68.7265**.

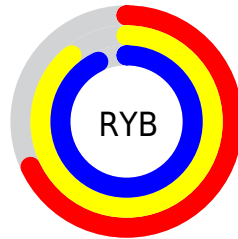
Distribution



Red (68%)

Green (93%)

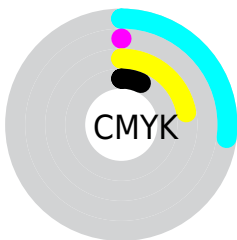
Blue (73%)



Red (68%)

Yellow (89%)

Blue (93%)

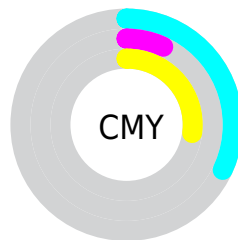


Cyan (27%)

Magenta (0%)

Yellow (22%)

Black (7%)



Cyan (32%)

Magenta (7%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2747, 72.9554, 57.0147 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 56.2747, 72.9554, 57.0147 by changing the saturation by 10% instead.

■ 56.2747, 72.9554,
57.0147

■ 56.2747, 72.9554,
57.0147

400.7842,
470.8602, 430.9997

■ 40.6611, 53.9395,
40.6076

■ 98.5436, 123.4139,
101.9872

■ 28.2409, 38.5533,
27.6952

125.9296,
155.6253, 131.3897

■ 18.6487, 26.4124,
17.8590

157.9704,
193.0039, 165.9610

■ 11.5192, 17.1324,
10.6804

195.0313,
235.9343, 206.1197

■ 6.4870, 10.3289,
5.7409

237.4778,
284.8007, 252.2844

■ 3.1869, 5.6176,
2.6220


285.6753,

■ 1.2533, 2.6140,


339.9875, 304.8736

0.9038


339.9889,
401.8792, 364.3059


 0.1479, 0.9337,
0.0000


 0.0000, 0.0000,
0.0000


 56.2747, 72.9554,
57.0147


 56.2747, 72.9554,
57.0147


 49.5946, 69.7329,
46.7999


 64.1637, 76.7734,
68.7265

 44.0574, 67.0671,
38.0170

 73.3116, 81.2053,
81.9871

 39.5997, 64.9285,
30.6034

 83.7728, 86.2800,
96.8520

 36.1493, 63.2815,
24.4898

 89.5756, 89.0512,
107.0752

■ 33.6252, 62.0859,
19.6009

■ 31.9332, 61.2948,
15.8537

■ 30.9546, 60.8491,
13.1545

■ 30.7485, 60.7564,
12.5328

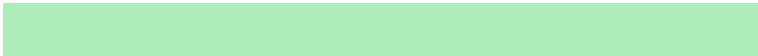
Harmonies

Analogous

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



61.8692, 72.9554, 44.6568



56.2747, 72.9554, 57.0147



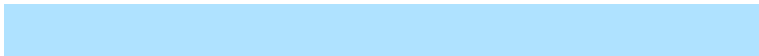
54.1441, 72.9554, 77.8755

Triad

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



56.2747, 72.9554, 57.0147



68.7949, 72.9554, 136.5445



84.9162, 72.9554, 59.2238

Complementary

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



56.2747, 72.9554, 57.0147



63.4617, 53.3295, 78.1861

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.



87.1467, 72.9554, 81.0173



56.2747, 72.9554, 57.0147



77.3933, 72.9554, 128.7580

Square

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



56.2747, 72.9554, 57.0147



60.9929, 72.9554, 126.6025



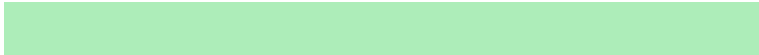
84.2899, 72.9554, 107.0777



78.4200, 72.9554, 45.7354

Rectangle

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



56.2747, 72.9554, 57.0147



54.8300, 72.9554, 95.0091



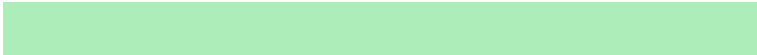
84.2899, 72.9554, 107.0777



86.2120, 72.9554, 65.6651

Sweetspot

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



56.2766, 72.9585, 57.0163



85.3842, 95.3122, 95.1135



68.9644, 79.6395, 51.2730



17.9107, 20.2238, 19.8326



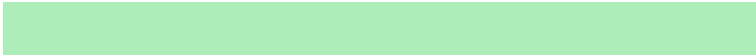
0.0000, 0.0000, 0.0000



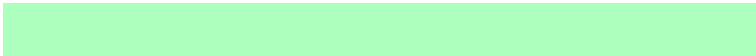
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2766, 72.9585, 57.0163



62.2349, 84.1110, 60.9284



60.0097, 74.4517, 76.6743



14.9837, 16.9083, 16.5970



16.8220, 33.1833, 7.0278



1.3533, 2.6186, 0.7224

Inverse Universe

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



63.4617, 53.3295, 78.1861



71.9440, 57.5742, 89.5257



59.5262, 51.7553, 57.4620



15.5866, 15.2625, 18.3745



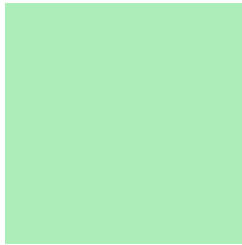
24.3424, 11.9396, 28.6679



1.9427, 0.9501, 2.4158

Previews

White Background



This preview shows how the XYZ color 56.2747, 72.9554, 57.0147 looks on a white background.

Color Contrast Check

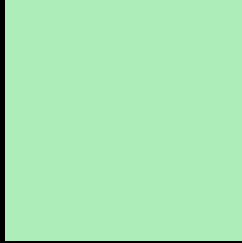
Large Text (above 18pt) WCAG AA × Fail

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 56.2747, 72.9554, 57.0147 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

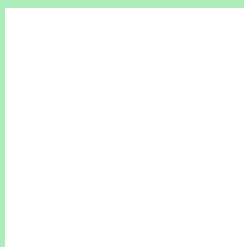
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2747, 72.9554, 57.0147

Background



This preview shows how black text looks on a background with the XYZ color 56.2747, 72.9554, 57.0147.



This preview shows how white text looks on a background with the XYZ color 56.2747, 72.9554,

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

56.2747, 72.9554, 57.0147

Protanopia

68.0532, 72.5494, 52.0116

Deuteranopia

73.9616, 72.3770, 58.7872



Tritanopia

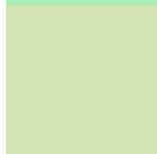
64.8154, 73.0683, 98.6831

Trichromacy



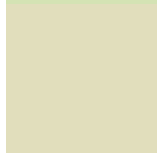
Original Color

56.2747, 72.9554, 57.0147



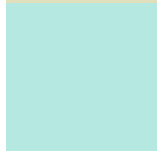
Protanomaly

62.8587, 72.2305, 53.8089



Deuteranomaly

66.2497, 71.8809, 57.9596



Tritanomaly

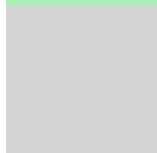
61.3672, 72.9188, 81.3613

Monochromacy



Original Color

56.2747, 72.9554, 57.0147



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.8058, 67.9829, 65.8470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2747, 72.9554, 57.0147 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(173, 237, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 237, 185)  
}
```

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(173, 237, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 237, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.2747, 72.9554, 57.0147 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(173, 237, 185) }
```


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

```
.border{ border-color:rgb(173, 237, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 237, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 237, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 237, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 237,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2747, 72.9554, 57.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 237, 185) }
```

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

```
.background{ background-color: rgb(173,  
237, 185) }
```

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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