

Converting Colors

XYZ(56.1499, 71.6840, 53.5248)

Have a look what the booklet for
XYZ(56.1499, 71.6840, 53.5248)
contains.

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Color

**XYZ(56.1499, 71.6840,
53.5248)**

Conversions

Conversions Part 1

Format	Color
Hex	B3EAB3
RGB	179, 234, 179
RGB Percent	70%, 92%, 70%
CMY	0.2980, 0.0823, 0.2980
CMYK	0.24, 0.00, 0.24, 0.08
HSL	120°, 57%, 81%
HSV	120°, 24%, 92%
XYZ	56.1499, 71.6840, 53.5248
YIQ	211.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

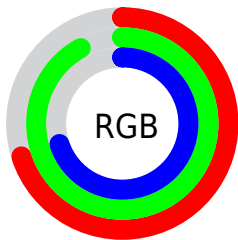
Format	Color
RYB	179, 234, 234
Decimal	11791027
CIELab	87.82, -27.94, 21.15
CIELCh	88, 35.045, 142.879
Yxy	71.6840, 0.3096, 0.3953
Android (android.graphics.Color)	4289981107 (0xFFB3EAB3)
YUV	211.2850, -15.9165, -28.3139
Hunter-Lab	84.6664, -29.7868, 21.7843

Details

The XYZ color **56.1499, 71.6840, 53.5248** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.9055, 55.6747, 85.1704**, and the grayscale version is **62.2160, 65.4561, 71.2817**.

A 20% lighter version of the original color is **85.3475, 95.3510, 92.5036**, and **28.1437, 37.7071, 25.5335** is the 20% darker color. If you saturate the color by 10%, you get **49.0245, 68.2634, 41.8683**, and if you desaturate by 10%, it is **64.5985, 75.7444, 67.3425**.

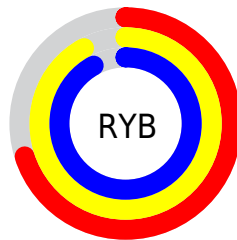
Distribution



Red (70%)

Green (92%)

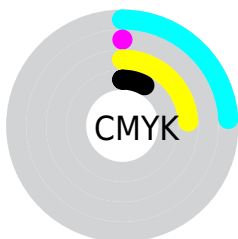
Blue (70%)



Red (70%)

Yellow (92%)

Blue (92%)

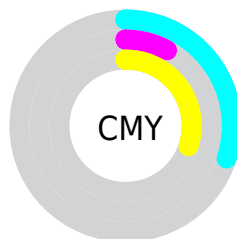


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (8%)



Cyan (30%)

Magenta (8%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1499, 71.6840, 53.5248 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 56.1499, 71.6840, 53.5248 by changing the saturation by 10% instead.

■ 56.1499, 71.6840,
53.5248

■ 56.1499, 71.6840,
53.5248

400.3220,
466.4410, 417.4186

■ 40.5606, 52.9006,
37.8313

■ 98.3623, 121.6072,
96.8255

■ 28.1621, 37.7234,
25.5510

125.7160,
153.5157, 125.2698

■ 18.5889, 25.7681,
16.2653

157.7220,
190.5680, 158.8014

■ 11.4759, 16.6502,
9.5557

194.7455,
233.1486, 197.8389

■ 6.4575, 9.9854,
5.0036

237.1519,
281.6418, 242.8009

■ 3.1685, 5.3893,
2.1906


285.3065,

■ 1.2435, 2.4774,

336.4320, 294.1058

0.6689


339.5748,
397.9036, 352.1722


 0.1403, 0.8653,
0.0000


 0.0000, 0.0000,
0.0000


 56.1499, 71.6840,
53.5248


 56.1499, 71.6840,
53.5248


 49.0245, 68.2634,
41.8683


 64.5985, 75.7444,
67.3425


 43.1500, 65.4416,
32.2595

 74.4266, 80.4654,
83.4180

 38.4559, 63.1868,
24.5815

 85.6939, 85.8776,
101.8477

 34.8626, 61.4607,
18.7039

 88.7142, 87.3284,
106.7881

■ 32.2803, 60.2203,
14.4800

■ 30.6054, 59.4158,
11.7403

■ 29.7121, 58.9867,
10.2791

■ 29.4242, 58.8484,
9.8082

Harmonies

Analogous

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



62.0974, 71.6840, 42.9745



56.1499, 71.6840, 53.5248



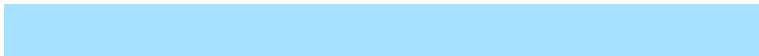
53.4516, 71.6840, 72.5056

Triad

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



56.1499, 71.6840, 53.5248



66.1684, 71.6840, 132.9536



83.9716, 71.6840, 61.5498

Complementary

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



56.1499, 71.6840, 53.5248



64.9055, 55.6747, 85.1704

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.



85.2842, 71.6840, 83.8736



56.1499, 71.6840, 53.5248



74.5486, 71.6840, 128.3672

Square

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



56.1499, 71.6840, 53.5248



58.9223, 71.6840, 120.6109



81.7112, 71.6840, 109.1168



78.2579, 71.6840, 46.9062

Rectangle

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



56.1499, 71.6840, 53.5248



53.6895, 71.6840, 88.7230



81.7112, 71.6840, 109.1168



84.9602, 71.6840, 68.2723

Sweetspot

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



56.1518, 71.6870, 53.5264



86.0432, 95.6736, 94.1678



71.4943, 79.5964, 54.2440



18.2592, 20.4024, 19.8980



0.0000, 0.0000, 0.0000



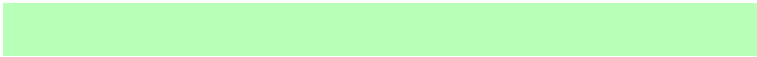
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1518, 71.6870, 53.5264



64.0414, 85.1050, 58.1800



59.2167, 72.9130, 69.6660



14.8684, 16.8622, 15.9898



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



64.9055, 55.6747, 85.1704



76.3473, 62.5950, 102.6649



61.2554, 54.2147, 65.9494



15.7149, 15.3138, 19.0498



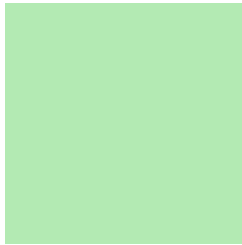
27.4131, 13.1679, 44.8383



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 56.1499, 71.6840, 53.5248 looks on a white background.

Color Contrast Check

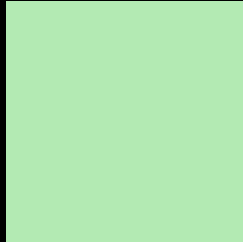
Large Text (above 18pt) WCAG AA × Fail

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 56.1499, 71.6840, 53.5248 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 56.1499, 71.6840, 53.5248

Background



This preview shows how black text looks on a background with the XYZ color 56.1499, 71.6840, 53.5248.



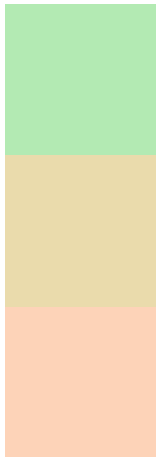
This preview shows how white text looks on a background with the XYZ color 56.1499, 71.6840,

53.5248.

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

56.1499, 71.6840, 53.5248

Protanopia

66.7096, 71.1340, 49.2440

Deuteranopia

72.4540, 70.9319, 55.2199



Tritanopia

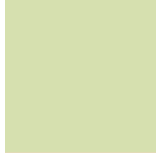
64.3381, 71.2686, 95.1593

Trichromacy



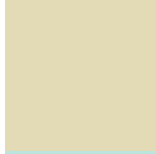
Original Color

56.1499, 71.6840, 53.5248



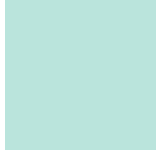
Protanomaly

62.1251, 70.7026, 50.9301



Deuteranomaly

65.1390, 70.2092, 54.3745



Tritanomaly

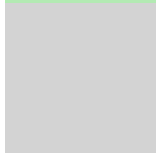
60.9114, 71.0932, 78.2221

Monochromacy



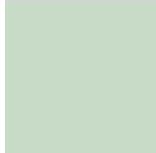
Original Color

56.1499, 71.6840, 53.5248



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.1935, 66.9287, 63.8315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1499, 71.6840, 53.5248 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(179, 234, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 234, 179)  
}
```

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(179, 234, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 234, 179) }
```

Border

The CSS property to change the border of an element to XYZ 56.1499, 71.6840, 53.5248 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(179, 234, 179) }
```


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

```
.border{ border-color:rgb(179, 234, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 234, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 234, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 234, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 234,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1499, 71.6840, 53.5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 234, 179) }
```

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

```
.background{ background-color: rgb(179,  
234, 179) }
```

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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