

Converting Colors

XYZ(56.8837, 71.0912, 58.7378)

Have a look what the booklet for
XYZ(56.8837, 71.0912, 58.7378)
contains.

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Color

**XYZ(56.8643, 71.0906,
58.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E8BD
RGB	180, 232, 189
RGB Percent	71%, 91%, 74%
CMY	0.2941, 0.0902, 0.2588
CMYK	0.22, 0.00, 0.19, 0.09
HSL	130°, 53%, 81%
HSV	130°, 22%, 91%
XYZ	56.8643, 71.0906, 58.8689
YIQ	211.5500, -17.1890, -24.3970

Conversions

Conversions Part 2

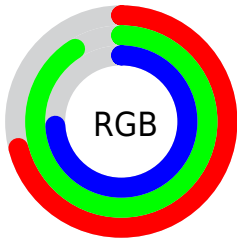
Format	Color
RYB	180, 224, 232
Decimal	11856061
CIELab	87.53, -24.93, 15.57
CIELCh	88, 29.394, 148.023
Yxy	71.0906, 0.3044, 0.3805
Android (android.graphics.Color)	4290046141 (0xFFB4E8BD)
YUV	211.5500, -11.1171, -27.6693
Hunter-Lab	84.3152, -27.1668, 17.6244

Details

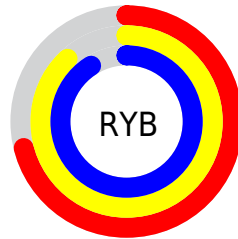
The XYZ color **56.8643, 71.0906, 58.8689** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9217, 55.1277, 77.1395**, and the grayscale version is **62.3618, 65.6094, 71.4487**.

A 20% lighter version of the original color is **86.8335, 95.9454, 100.3289**, and **28.5735, 37.2639, 28.9792** is the 20% darker color. If you saturate the color by 10%, you get **49.9622, 67.7594, 48.3850**, and if you desaturate by 10%, it is **64.9498, 75.0041, 70.8492**.

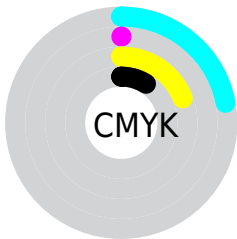
Distribution



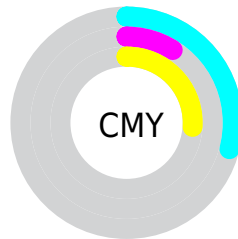
- Red (71%)
- Green (91%)
- Blue (74%)



- Red (71%)
- Yellow (88%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8643, 71.0906, 58.8689 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 56.8643, 71.0906, 58.8689 by changing the saturation by 10% instead.

■ 56.8643, 71.0906,
58.8689

■ 56.8643, 71.0906,
58.8689

402.9630,
464.3701, 438.1043

■ 41.1360, 52.4161,
42.0883

■ 99.3997, 120.7627,
104.7143

■ 28.6135, 37.3369,
28.8443

126.9374,
152.5292, 134.6163

■ 18.9315, 25.4684,
18.7185

159.1424,
189.4284, 169.7290

■ 11.7245, 16.4264,
11.2923

196.3800,
231.8448, 210.4711

■ 6.6272, 9.8264,
6.1472

239.0155,
280.1628, 257.2612

■ 3.2743, 5.2840,
2.8645

287.4143,

■ 1.3004, 2.4148,

334.7667, 310.5177

1.0259

341.9417,
396.0410, 370.6592

■ 0.1835, 0.8335,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8643, 71.0906,
58.8689

■ 56.8643, 71.0906,
58.8689

■ 49.9622, 67.7594,
48.3850

■ 64.9498, 75.0041,
70.8492

■ 44.1820, 64.9739,
39.3342

■ 74.2649, 79.5164,
84.3766

■ 39.4653, 62.7075,
31.6555

■ 84.8604, 84.6547,
99.5052

■ 35.7463, 60.9275,
25.2819

■ 88.1480, 86.1959,
106.5993

■ 32.9514, 59.5975,
20.1405

■ 30.9968, 58.6762,
16.1513

■ 29.7825, 58.1137,
13.2250

■ 29.2436, 57.8702,
11.6500

Harmonies

Analogous

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



61.4884, 71.0906, 48.3180



56.8643, 71.0906, 58.8689



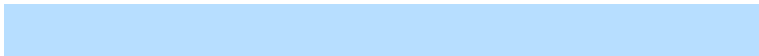
55.0843, 71.0906, 76.0935

Triad

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



56.8643, 71.0906, 58.8689



67.1098, 71.0906, 122.2578



80.0551, 71.0906, 60.7937

Complementary

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



56.8643, 71.0906, 58.8689



62.9217, 55.1277, 77.1395

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.



81.8117, 71.0906, 78.7326



56.8643, 71.0906, 58.8689



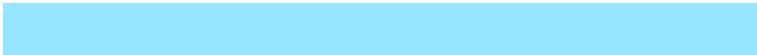
74.0388, 71.0906, 116.3076

Square

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



56.8643, 71.0906, 58.8689



60.7421, 71.0906, 114.5852



79.5404, 71.0906, 99.4745



74.8902, 71.0906, 49.2882

Rectangle

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



56.8643, 71.0906, 58.8689



55.6510, 71.0906, 89.8498



79.5404, 71.0906, 99.4745



81.0787, 71.0906, 66.1669

Sweetspot

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



56.8662, 71.0936, 58.8705



86.4989, 95.8559, 96.5677



67.6319, 76.7529, 54.4310



18.3643, 20.4444, 20.4516



0.0000, 0.0000, 0.0000



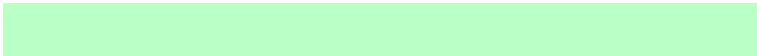
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8662, 71.0936, 58.8705



66.2468, 86.0582, 66.5854



59.9041, 72.3088, 74.8678



14.2906, 16.1297, 15.7952



16.2660, 32.1385, 6.6350



1.2322, 2.3870, 0.6493

Inverse Universe

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



62.9217, 55.1277, 77.1395



75.0209, 62.9172, 93.0506



59.7184, 53.8464, 60.2712



14.8824, 14.5702, 17.5811



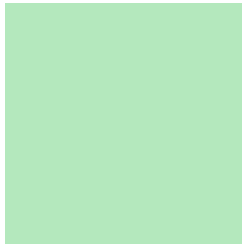
23.7892, 11.6499, 28.8487



1.7863, 0.8722, 2.2810

Previews

White Background



This preview shows how the XYZ color 56.8643, 71.0906, 58.8689 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 56.8643, 71.0906, 58.8689 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

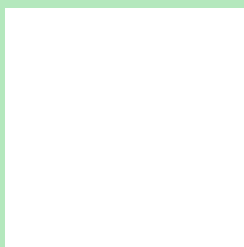
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8643, 71.0906, 58.8689

Background



This preview shows how black text looks on a background with the XYZ color 56.8643, 71.0906, 58.8689.

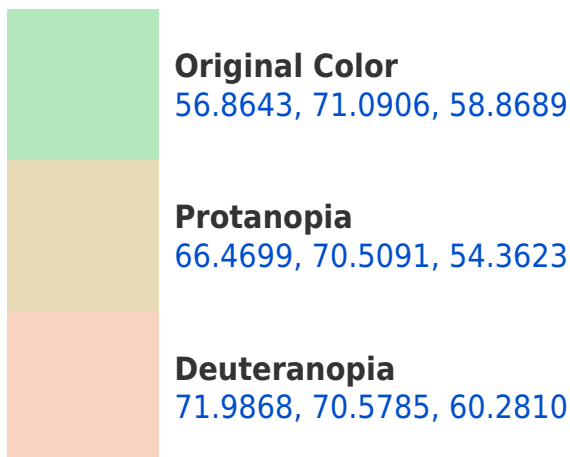


This preview shows how white text looks on a background with the XYZ color 56.8643, 71.0906,

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

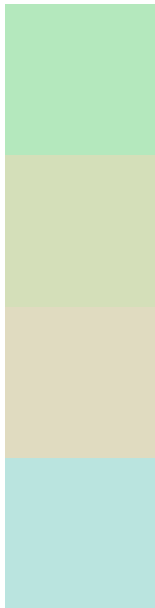




Tritanopia

64.3381, 71.2686, 95.1593

Trichromacy



Original Color

56.8643, 71.0906, 58.8689

Protanomaly

62.2960, 70.2752, 56.1801

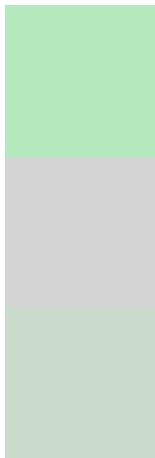
Deuteranomaly

65.5864, 70.3161, 59.9848

Tritanomaly

61.3124, 71.2536, 80.3339

Monochromacy



Original Color

56.8643, 71.0906, 58.8689

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.0500, 67.3020, 66.9524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8643, 71.0906, 58.8689 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(180, 232, 189)` looks like.

```
.text, #text, p{  
    color:rgb(180, 232, 189)  
}
```

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(180, 232, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 232, 189) }
```

Border

The CSS property to change the border of an element to XYZ 56.8643, 71.0906, 58.8689 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(180, 232, 189) }
```


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

```
.border{ border-color:rgb(180, 232, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 232, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 232, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 232, 189);  
box-shadow:4px 4px 4px 4px rgb(180, 232,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8643, 71.0906, 58.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 232, 189) }
```

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

```
.background{ background-color: rgb(180,  
232, 189) }
```

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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