

Converting Colors

XYZ(56.1828, 68.6796, 58.4394)

Have a look what the booklet for
XYZ(56.1828, 68.6796, 58.4394)
contains.

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Color

**XYZ(56.1828, 68.6796,
58.4394)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E3BD
RGB	183, 227, 189
RGB Percent	72%, 89%, 74%
CMY	0.2823, 0.1098, 0.2588
CMYK	0.19, 0.00, 0.17, 0.11
HSL	128°, 44%, 80%
HSV	128°, 19%, 89%
XYZ	56.1828, 68.6796, 58.4394
YIQ	209.5120, -14.0260, -21.1460

Conversions

Conversions Part 2

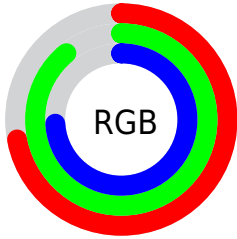
Format	Color
RYB	183, 222, 227
Decimal	12051389
CIELab	86.35, -21.52, 13.92
CIELCh	86, 25.632, 147.099
Yxy	68.6796, 0.3065, 0.3747
Android (android.graphics.Color)	4290241469 (0xFFB7E3BD)
YUV	209.5120, -10.1124, -23.2510
Hunter-Lab	82.8732, -24.0162, 16.2019

Details

The XYZ color **56.1828, 68.6796, 58.4394** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.6656, 55.4198, 75.8566**, and the grayscale version is **61.0110, 64.1883, 69.9011**.

A 20% lighter version of the original color is **87.8380, 96.4633, 100.3759**, and **28.0601, 35.5705, 28.6794** is the 20% darker color. If you saturate the color by 10%, you get **49.2266, 65.3250, 47.7462**, and if you desaturate by 10%, it is **64.3013, 72.6040, 70.6915**.

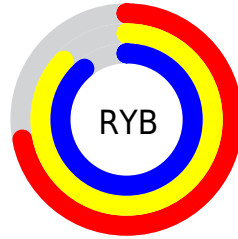
Distribution



Red (72%)

Green (89%)

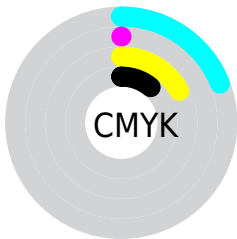
Blue (74%)



Red (72%)

Yellow (87%)

Blue (89%)

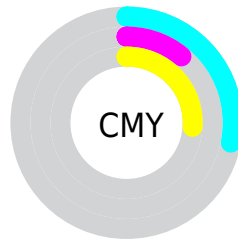


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1828, 68.6796, 58.4394 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 56.1828, 68.6796, 58.4394 by changing the saturation by 10% instead.

■ 56.1828, 68.6796,
58.4394

■ 56.1828, 68.6796,
58.4394

400.4439,
455.9001, 436.4651

■ 40.5871, 50.4508,
41.7450

■ 98.4101, 117.3238,
104.0835

■ 28.1828, 35.7717,
28.5776

125.7723,
148.5081, 133.8703

■ 18.6047, 24.2580,
18.5187

157.7874,
184.7796, 168.8583

■ 11.4873, 15.5251,
11.1497

194.8208,
226.5228, 209.4660

■ 6.4653, 9.1887,
6.0522

237.2378,
274.1220, 256.1120

■ 3.1733, 4.8645,
2.8075


285.4037,


■ 1.2461, 2.1680,


327.9617, 309.2149


0.9972


339.6840,
388.4263, 369.1931

 0.1423, 0.7024,
0.0000


 0.0000, 0.0000,
0.0000


 56.1828, 68.6796,
58.4394


 56.1828, 68.6796,
58.4394


 49.2266, 65.3250,
47.7462


 64.3013, 72.6040,
70.6915


 43.3739, 62.5054,
38.5451

 73.6261, 77.1139,
84.5569

 38.5693, 60.1957,
30.7711

 84.2059, 82.2351,
100.0926

 34.7503, 58.3650,
24.3526

 86.7604, 83.4209,
106.1368

■ 31.8476, 56.9793,
19.2119

■ 29.7828, 56.0002,
15.2635

■ 28.4641, 55.3821,
12.4110

■ 27.7509, 55.0551,
10.5422

■ 27.7172, 55.0396,
10.4561

Harmonies

Analogous

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



60.2306, 68.6796, 49.3602



56.1828, 68.6796, 58.4394



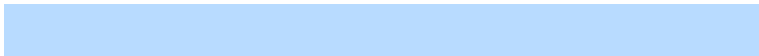
54.5606, 68.6796, 73.1434

Triad

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



56.1828, 68.6796, 58.4394



64.7038, 68.6796, 112.2757



75.9403, 68.6796, 60.8964

Complementary

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



56.1828, 68.6796, 58.4394



61.6656, 55.4198, 75.8566

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.



77.3141, 68.6796, 76.4416



56.1828, 68.6796, 58.4394



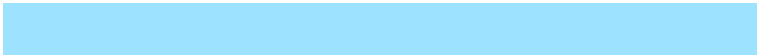
70.5996, 68.6796, 107.7032

Square

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



56.1828, 68.6796, 58.4394



59.2903, 68.6796, 105.6137



75.3051, 68.6796, 93.9147



71.6557, 68.6796, 50.6209

Rectangle

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



56.1828, 68.6796, 58.4394



54.9951, 68.6796, 84.7771



75.3051, 68.6796, 93.9147



76.7686, 68.6796, 65.6022

Sweetspot

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



56.1847, 68.6825, 58.4409



87.5883, 96.3908, 97.8252



65.8786, 73.7536, 55.5641



18.5812, 20.5512, 20.6906



0.0000, 0.0000, 0.0000



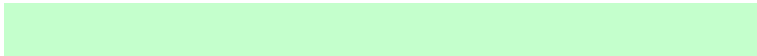
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1847, 68.6825, 58.4409



69.5570, 87.6791, 70.6034



58.7408, 69.7050, 71.9012



14.2690, 16.1210, 15.6811



16.1885, 32.1075, 6.2270



1.2219, 2.3829, 0.5953

Inverse Universe

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



61.6656, 55.4198, 75.8566



77.8478, 67.6135, 96.9451



58.9384, 54.3290, 61.4957



14.9061, 14.5796, 17.7060



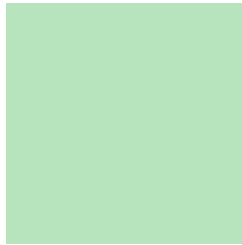
24.3210, 11.8626, 31.6491



1.8207, 0.8860, 2.4624

Previews

White Background



This preview shows how the XYZ color 56.1828, 68.6796, 58.4394 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 56.1828, 68.6796, 58.4394 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

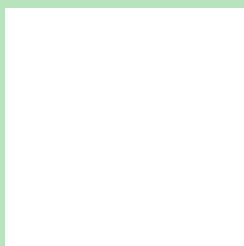
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1828, 68.6796, 58.4394

Background



This preview shows how black text looks on a background with the XYZ color 56.1828, 68.6796, 58.4394.



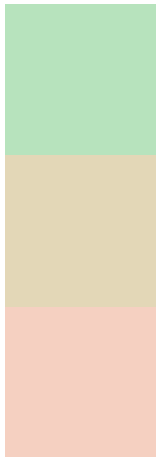
This preview shows how white text looks on a background with the XYZ color 56.1828, 68.6796,

58.4394.

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

56.1828, 68.6796, 58.4394

Protanopia

64.5262, 68.3507, 54.5918

Deuteranopia

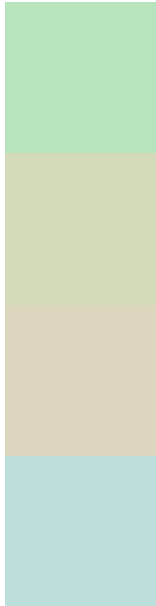
69.8377, 68.3745, 59.9688



Tritanopia

62.5117, 68.4358, 90.8036

Trichromacy



Original Color

56.1828, 68.6796, 58.4394

Protanomaly

60.9524, 68.0147, 55.8146

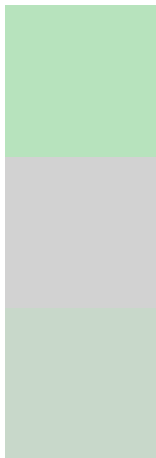
Deuteranomaly

63.9391, 67.9362, 59.6122

Tritanomaly

60.0450, 68.6340, 77.7931

Monochromacy



Original Color

56.1828, 68.6796, 58.4394

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.0360, 65.6554, 65.4383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1828, 68.6796, 58.4394 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(183, 227, 189)` looks like.

```
.text, #text, p{  
    color:rgb(183, 227, 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(183, 227, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 227, 189) }
```

Border

The CSS property to change the border of an element to XYZ 56.1828, 68.6796, 58.4394 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(183, 227, 189) }
```


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

```
.border{ border-color:rgb(183, 227, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 227, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 227, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 227, 189);  
box-shadow:4px 4px 4px 4px rgb(183, 227,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1828, 68.6796, 58.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 227, 189) }
```

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

```
.background{ background-color: rgb(183,  
227, 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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