

Converting Colors

XYZ(56.1442, 68.3371, 58.5365)

Have a look what the booklet for
XYZ(56.1442, 68.3371, 58.5365)
contains.

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Color

**XYZ(56.1488, 68.2572,
58.3597)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E2BD
RGB	184, 226, 189
RGB Percent	72%, 89%, 74%
CMY	0.2784, 0.1137, 0.2588
CMYK	0.19, 0.00, 0.16, 0.11
HSL	127°, 42%, 80%
HSV	127°, 19%, 89%
XYZ	56.1488, 68.2572, 58.3597
YIQ	209.2240, -13.1550, -20.4110

Conversions

Conversions Part 2

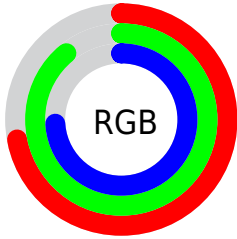
Format	Color
RYB	184, 222, 226
Decimal	12116669
CIELab	86.13, -20.70, 13.63
CIELCh	86, 24.786, 146.628
Yxy	68.2572, 0.3072, 0.3735
Android (android.graphics.Color)	4290306749 (0xFFB8E2BD)
YUV	209.2240, -9.9704, -22.1214
Hunter-Lab	82.6179, -23.2692, 15.9512

Details

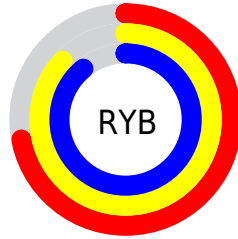
The XYZ color **56.1488, 68.2572, 58.3597** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.5580, 55.6717, 75.9109**, and the grayscale version is **60.8213, 63.9887, 69.6837**.

A 20% lighter version of the original color is **88.1766, 96.6378, 100.3918**, and **28.2128, 35.6492, 28.6866** is the 20% darker color. If you saturate the color by 10%, you get **49.1466, 64.8822, 47.5146**, and if you desaturate by 10%, it is **64.3163, 72.2026, 70.8109**.

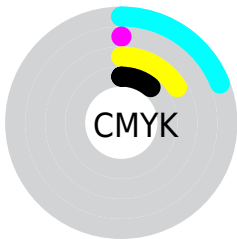
Distribution



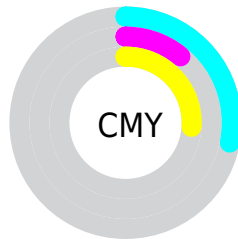
- Red (72%)
- Green (89%)
- Blue (74%)



- Red (72%)
- Yellow (87%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)




- Cyan (28%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1488, 68.2572, 58.3597 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 56.1488, 68.2572, 58.3597 by changing the saturation by 10% instead.


 56.1488, 68.2572,
58.3597

 56.1488, 68.2572,
58.3597


400.3180,
454.4067, 436.1606

 40.5597, 50.1070,
41.6813


 98.3607, 116.7200,
103.9664

 28.1614, 35.4984,
28.5281


125.7141,
147.8014, 133.7318

 18.5884, 24.0471,
18.4816


157.7198,
183.9620, 168.6966

 11.4755, 15.3685,
11.1233

194.7429,
225.5862, 209.2793

 6.4573, 9.0784,
6.0346

237.1490,
273.0584, 255.8986

 3.1683, 4.7924,
2.7970

285.3033,

 1.2434, 2.1260,

326.7629, 308.9728

0.9919

339.5711,
387.0843, 368.9206

0.1402, 0.6792,
0.0000

0.0000, 0.0000,
0.0000

56.1488, 68.2572,
58.3597

56.1488, 68.2572,
58.3597

49.1466, 64.8822,
47.5146

64.3163, 72.2026,
70.8109

43.2512, 62.0429,
38.2060

73.6933, 76.7339,
84.9252

38.4073, 59.7143,
30.3656

84.3281, 81.8768,
100.7622

34.5527, 57.8659,
23.9186

86.4877, 82.8754,
106.0459

■ 31.6184, 56.4638,
18.7833

■ 29.5266, 55.4699,
14.8695

■ 28.1864, 54.8395,
12.0758

■ 27.4685, 54.5084,
10.2833

■ 27.3945, 54.4741,
10.1020

Harmonies

Analogous

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



60.0880, 68.2572, 49.6482



56.1488, 68.2572, 58.3597



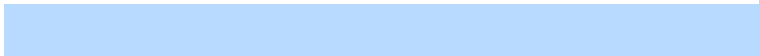
54.5407, 68.2572, 72.4897

Triad

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



56.1488, 68.2572, 58.3597



64.2340, 68.2572, 110.2570



75.1734, 68.2572, 61.1236

Complementary

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



56.1488, 68.2572, 58.3597



61.5580, 55.6717, 75.9109

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.



76.4417, 68.2572, 76.1818



56.1488, 68.2572, 58.3597



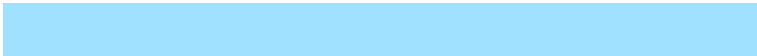
69.9127, 68.2572, 106.0527

Square

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



56.1488, 68.2572, 58.3597



59.0335, 68.2572, 103.7301



74.4646, 68.2572, 92.9544



71.0927, 68.2572, 51.0722

Rectangle

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



56.1488, 68.2572, 58.3597



54.9329, 68.2572, 83.6673



74.4646, 68.2572, 92.9544



75.9528, 68.2572, 65.6970

Sweetspot

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



56.1506, 68.2601, 58.3612



87.5486, 96.3749, 97.6160



65.7002, 73.2447, 56.0229



18.5719, 20.5474, 20.6414



0.0000, 0.0000, 0.0000



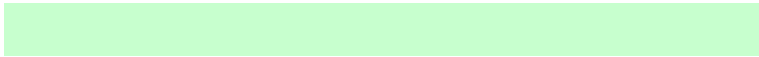
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1506, 68.2601, 58.3612



70.3761, 88.0842, 71.4174



58.5860, 69.2342, 71.1855



13.5948, 15.3637, 14.9016



15.6504, 31.0850, 5.8821



1.1071, 2.1635, 0.5249

Inverse Universe

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



61.5580, 55.6717, 75.9109



78.6336, 68.8581, 98.2149



58.9436, 54.6259, 62.1437



14.2211, 13.9061, 16.9344



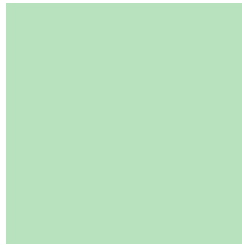
23.8098, 11.5909, 31.9939



1.6705, 0.8115, 2.3236

Previews

White Background



This preview shows how the XYZ color 56.1488, 68.2572, 58.3597 looks on a white background.

Color Contrast Check

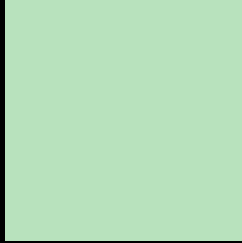
Large Text (above 18pt) WCAG AA × Fail

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 56.1488, 68.2572, 58.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

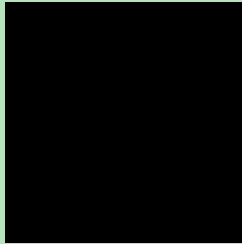
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

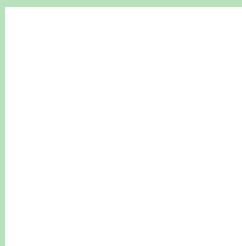
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1488, 68.2572, 58.3597

Background



This preview shows how black text looks on a background with the XYZ color 56.1488, 68.2572, 58.3597.



This preview shows how white text looks on a background with the XYZ color 56.1488, 68.2572,

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

56.1488, 68.2572, 58.3597

Protanopia

63.9578, 67.6808, 54.4925

Deuteranopia

69.2467, 67.7090, 59.8715



Tritanopia

62.3558, 67.9839, 89.9565

Trichromacy



Original Color

56.1488, 68.2572, 58.3597

Protanomaly

60.6923, 67.4945, 55.7278

Deuteranomaly

63.6852, 67.4285, 59.5276

Tritanomaly

60.0258, 68.2287, 77.7159

Monochromacy



Original Color

56.1488, 68.2572, 58.3597

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.7805, 65.1445, 65.3532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1488, 68.2572, 58.3597 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(184, 226, 189)` looks like.

```
.text, #text, p{  
    color:rgb(184, 226, 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(184, 226, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 226, 189) }
```

Border

The CSS property to change the border of an element to XYZ 56.1488, 68.2572, 58.3597 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(184, 226, 189) }
```


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

```
.border{ border-color:rgb(184, 226, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 226, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 226, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 226, 189);  
box-shadow:4px 4px 4px 4px rgb(184, 226,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1488, 68.2572, 58.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 226, 189) }
```

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

```
.background{ background-color: rgb(184,  
226, 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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