

Converting Colors

XYZ(55.8496, 67.0741, 56.4953)

Have a look what the booklet for
XYZ(55.8496, 67.0741, 56.4953)
contains.

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Color

**XYZ(55.7441, 66.8853,
56.4265)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDFBA
RGB	187, 223, 186
RGB Percent	73%, 87%, 73%
CMY	0.2667, 0.1255, 0.2706
CMYK	0.16, 0.00, 0.17, 0.13
HSL	118°, 37%, 80%
HSV	118°, 17%, 87%
XYZ	55.7441, 66.8853, 56.4265
YIQ	208.0180, -9.5790, -19.1390

Conversions

Conversions Part 2

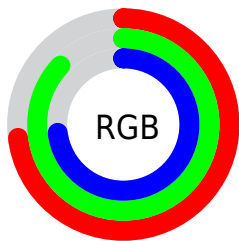
Format	Color
RYB	186, 223, 222
Decimal	12312506
CIELab	85.45, -18.74, 14.26
CIELCh	85, 23.549, 142.730
Yxy	66.8853, 0.3113, 0.3735
Android (android.graphics.Color)	4290502586 (0xFFBBDFBA)
YUV	208.0180, -10.8549, -18.4328
Hunter-Lab	81.7834, -21.4543, 16.3413

Details

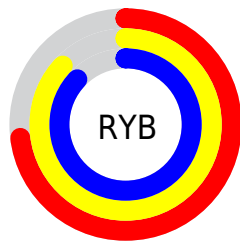
The XYZ color **55.7441, 66.8853, 56.4265** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61.0051, 55.9770, 77.4048**, and the grayscale version is **60.0400, 63.1667, 68.7886**.

A 20% lighter version of the original color is **88.7492, 96.9855, 98.0469**, and **27.9091, 34.6853, 27.4143** is the 20% darker color. If you saturate the color by 10%, you get **48.6430, 63.4794, 44.6697**, and if you desaturate by 10%, it is **64.0209, 70.8584, 70.1725**.

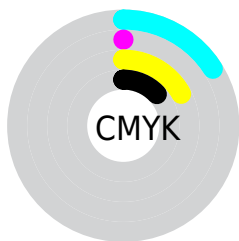
Distribution



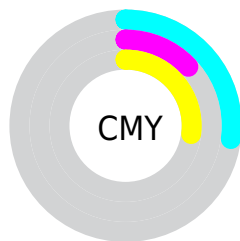
- Red (73%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7441, 66.8853, 56.4265 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 55.7441, 66.8853, 56.4265 by changing the saturation by 10% instead.

■ 55.7441, 66.8853,
56.4265

■ 55.7441, 66.8853,
56.4265

398.8171,
449.5364, 428.7302

■ 40.2340, 48.9914,
40.1387

■ 97.7723, 114.7560,
101.1199

■ 27.9060, 34.6127,
27.3321

125.0211,
145.5017, 130.3626

■ 18.3949, 23.3647,
17.5881

156.9135,
181.3001, 164.7606

■ 11.3353, 14.8630,
10.4883

193.8149,
222.5355, 204.7326

■ 6.3618, 8.7233,
5.6141

236.0906,
269.5925, 250.6969

■ 3.1090, 4.5611,
2.5469

284.1059,

■ 1.2117, 1.9921,

322.8554, 303.0723

0.8649

338.2263,
382.7085, 362.2772

■ 0.1156, 0.6029,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7441, 66.8853,
56.4265

■ 55.7441, 66.8853,
56.4265

■ 48.6430, 63.4794,
44.6697

■ 64.0209, 70.8584,
70.1725

■ 42.6593, 60.6068,
34.8059

■ 73.5176, 75.4139,
85.9891

■ 37.7376, 58.2430,
26.7374

■ 84.2828, 80.5770,
103.9585

■ 33.8159, 56.3585,
20.3564

■ 85.6790, 81.2580,
105.7763

■ 30.8258, 54.9205,
15.5432

■ 28.6899, 53.8920,
12.1624

■ 27.3190, 53.2305,
10.0562

■ 26.6028, 52.8834,
9.0236

■ 26.4644, 52.8168,
8.7999

Harmonies

Analogous

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



59.6858, 66.8853, 48.9254



55.7441, 66.8853, 56.4265



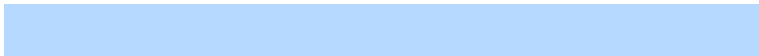
53.9186, 66.8853, 69.1676

Triad

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



55.7441, 66.8853, 56.4265



62.2816, 66.8853, 106.0764



73.5242, 66.8853, 62.0417

Complementary

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



55.7441, 66.8853, 56.4265



61.0051, 55.9770, 77.4048

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.



74.3150, 66.8853, 76.6127



55.7441, 66.8853, 56.4265



67.6243, 66.8853, 103.4663

Square

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



55.7441, 66.8853, 56.4265



57.5533, 66.8853, 98.8332



72.1014, 66.8853, 92.1316



69.9973, 66.8853, 51.8365

Rectangle

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



55.7441, 66.8853, 56.4265



54.0710, 66.8853, 79.5031



72.1014, 66.8853, 92.1316



74.1266, 66.8853, 66.5350

Sweetspot

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



55.7459, 66.8882, 56.4280



88.6469, 96.9284, 98.2383



65.3567, 71.3552, 56.7837



18.7888, 20.6578, 20.7187



0.0000, 0.0000, 0.0000



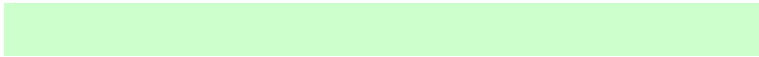
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7459, 66.8882, 56.4280



71.9402, 88.9125, 70.4969



57.4508, 67.5420, 66.6776



13.5628, 15.3548, 14.5557



15.5750, 31.0617, 5.1746



1.0918, 2.1593, 0.3592

Inverse Universe

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



61.0051, 55.9770, 77.4048



80.3779, 71.4054, 104.1540



59.1008, 55.2508, 65.7745



14.2565, 13.9158, 17.3223



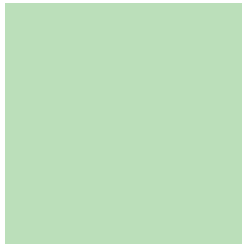
24.6693, 11.8128, 42.0282



1.7217, 0.8248, 2.9137

Previews

White Background



This preview shows how the XYZ color 55.7441, 66.8853, 56.4265 looks on a white background.

Color Contrast Check

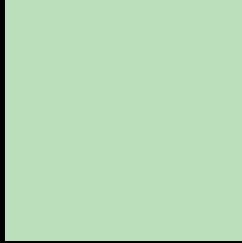
Large Text (above 18pt) WCAG AA × Fail

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 55.7441, 66.8853, 56.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

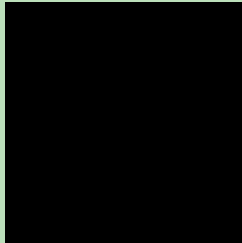
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7441, 66.8853, 56.4265

Background



This preview shows how black text looks on a background with the XYZ color 55.7441, 66.8853, 56.4265.



This preview shows how white text looks on a background with the XYZ color 55.7441, 66.8853,

56.4265.

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

55.7441, 66.8853, 56.4265

Protanopia

62.8752, 66.7720, 53.2905

Deuteranopia

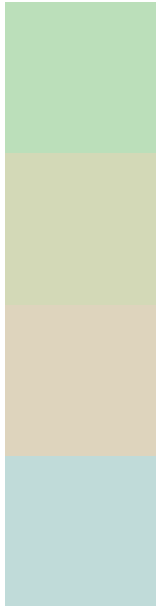
67.7435, 66.2576, 57.9337



Tritanopia

61.9128, 66.6543, 87.4443

Trichromacy



Original Color

55.7441, 66.8853, 56.4265

Protanomaly

60.2241, 66.8935, 54.5373

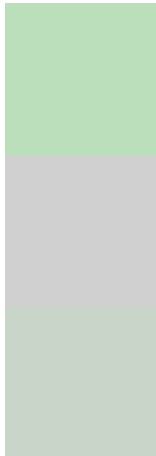
Deuteranomaly

62.8530, 66.2907, 57.6268

Tritanomaly

59.5941, 66.8793, 75.4137

Monochromacy



Original Color

55.7441, 66.8853, 56.4265

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.0390, 64.0380, 63.9452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7441, 66.8853, 56.4265 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(187, 223, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 223, 186)  
}
```

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(187, 223, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 223, 186) }
```

Border

The CSS property to change the border of an element to XYZ 55.7441, 66.8853, 56.4265 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(187, 223, 186) }
```


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

```
.border{ border-color:rgb(187, 223, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 223, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 223, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 223, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 223,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7441, 66.8853, 56.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 223, 186) }
```

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

```
.background{ background-color: rgb(187,  
223, 186) }
```

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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