

Converting Colors

XYZ(56.6878, 69.6535, 63.2800)

Have a look what the booklet for
XYZ(56.6878, 69.6535, 63.2800)
contains.

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Color

**XYZ(56.6878, 69.6535,
63.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E5C5
RGB	179, 229, 197
RGB Percent	70%, 90%, 77%
CMY	0.2980, 0.1019, 0.2274
CMYK	0.22, 0.00, 0.14, 0.10
HSL	142°, 49%, 80%
HSV	142°, 22%, 90%
XYZ	56.6878, 69.6535, 63.2800
YIQ	210.4020, -19.5280, -20.5520

Conversions

Conversions Part 2

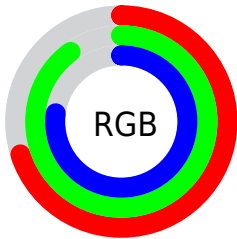
Format	Color
RYB	179, 216, 229
Decimal	11789765
CIELab	86.83, -22.34, 10.38
CIElCh	87, 24.638, 155.073
Yxy	69.6535, 0.2990, 0.3673
Android (android.graphics.Color)	4289979845 (0xFFB3E5C5)
YUV	210.4020, -6.6072, -27.5396
Hunter-Lab	83.4587, -24.8098, 13.4662

Details

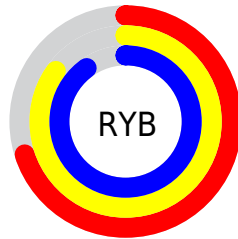
The XYZ color **56.6878, 69.6535, 63.2800** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.1936, 53.6032, 68.8051**, and the grayscale version is **61.5756, 64.7823, 70.5479**.

A 20% lighter version of the original color is **87.9103, 96.3379, 107.7276**, and **28.3589, 36.2303, 31.4851** is the 20% darker color. If you saturate the color by 10%, you get **50.2298, 66.5109, 54.6336**, and if you desaturate by 10%, it is **64.1920, 73.3204, 72.8308**.

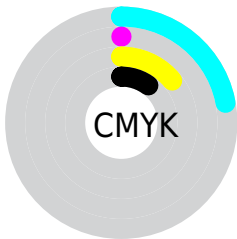
Distribution



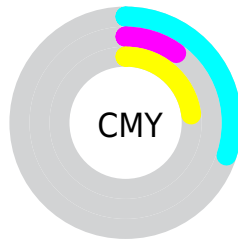
- Red (70%)
- Green (90%)
- Blue (77%)



- Red (70%)
- Yellow (85%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6878, 69.6535, 63.2800 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 56.6878, 69.6535, 63.2800 by changing the saturation by 10% instead.

■ 56.6878, 69.6535,
63.2800

■ 56.6878, 69.6535,
63.2800

402.3115,
459.3324, 454.7208

■ 40.9938, 51.2441,
45.6253

■ 99.1435, 118.7145,
111.1628

■ 28.5019, 36.4029,
31.6037

126.6359,
150.1349, 142.2281

■ 18.8467, 24.7455,
20.7967

158.7918,
186.6610, 178.6006

■ 11.6629, 15.8876,
12.7857

195.9766,
228.6774, 220.6989

■ 6.5851, 9.4446,
7.1521

238.5556,
276.5683, 268.9415

■ 3.2480, 5.0323,
3.4775


286.8942,

■ 1.2863, 2.2662,

330.7182, 323.7470


1.3433


341.3577,
391.5114, 385.5339


 0.1729, 0.7558,
0.0969


 0.0000, 0.0000,
0.0000

 56.6878, 69.6535,
63.2800


 56.6878, 69.6535,
63.2800

 50.2298, 66.5109,
54.6336


 64.1920, 73.3204,
72.8308


 44.7641, 63.8596,
46.8604

 72.7813, 77.5254,
83.3066

 40.2408, 61.6764,
39.9343

 82.5000, 82.2927,
94.7333

 36.6031, 59.9326,
33.8261

 87.3106, 84.5212,
106.3202

■ 33.7878, 58.5961,
28.5046

■ 31.7227, 57.6304,
23.9370

■ 30.3219, 56.9920,
20.0874

■ 29.5602, 56.6570,
17.4479

Harmonies

Analogous

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



60.0600, 69.6535, 52.7949



56.6878, 69.6535, 63.2800



55.8041, 69.6535, 78.6714

Triad

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



56.6878, 69.6535, 63.2800



67.1847, 69.6535, 111.8968



75.6566, 69.6535, 59.0841

Complementary

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



56.6878, 69.6535, 63.2800



60.1936, 53.6032, 68.8051

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.



77.8209, 69.6535, 73.0790



56.6878, 69.6535, 63.2800



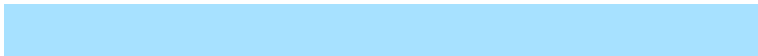
72.7525, 69.6535, 104.7731

Square

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



56.6878, 69.6535, 63.2800



61.6586, 69.6535, 108.2798



76.7287, 69.6535, 89.9627



70.9665, 69.6535, 50.6290

Rectangle

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



56.6878, 69.6535, 63.2800



56.6986, 69.6535, 90.0448



76.7287, 69.6535, 89.9627



76.7156, 69.6535, 63.2151

Sweetspot

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



56.6897, 69.6564, 63.2816



86.9999, 96.0563, 99.2058



63.1660, 73.2193, 53.4524



18.4801, 20.4907, 21.0612



0.0000, 0.0000, 0.0000



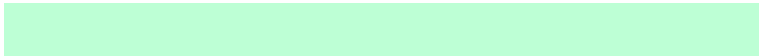
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6897, 69.6564, 63.2816



68.6272, 87.0826, 75.8542



59.7299, 70.8725, 79.2910



14.4026, 16.1745, 16.3850



16.9528, 32.4132, 10.2516



1.2960, 2.4125, 0.9851

Inverse Universe

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



60.1936, 53.6032, 68.8051



73.8158, 63.3033, 84.0285



57.3515, 52.4664, 53.8392



14.7634, 14.5225, 16.9543



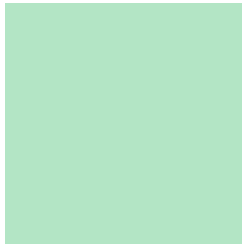
21.5262, 10.7447, 16.9320



1.6348, 0.8116, 1.4831

Previews

White Background



This preview shows how the XYZ color 56.6878, 69.6535, 63.2800 looks on a white background.

Color Contrast Check

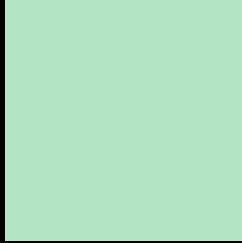
Large Text (above 18pt) WCAG AA × Fail

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 56.6878, 69.6535, 63.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

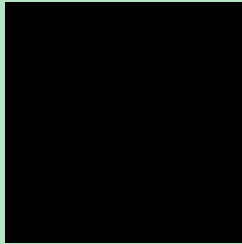
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

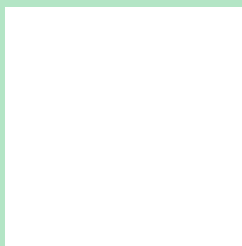
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6878, 69.6535, 63.2800

Background



This preview shows how black text looks on a background with the XYZ color 56.6878, 69.6535, 63.2800.



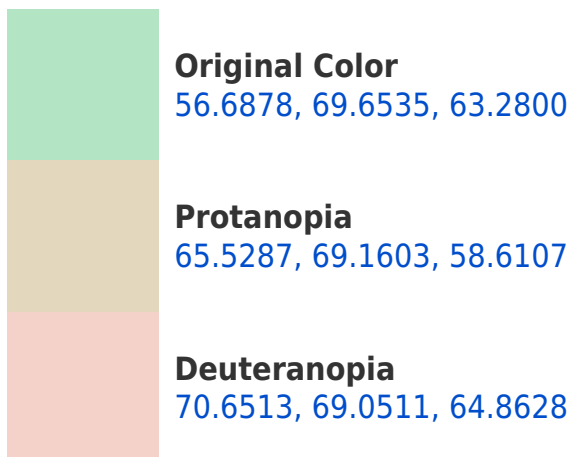
This preview shows how white text looks on a background with the XYZ color 56.6878, 69.6535,

63.2800.

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

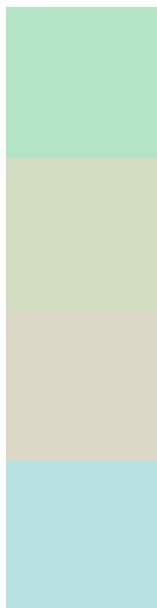




Tritanopia

62.7584, 69.6910, 93.3631

Trichromacy



Original Color

56.6878, 69.6535, 63.2800

Protanomaly

62.0604, 69.2648, 60.5506

Deuteranomaly

64.4964, 68.4975, 64.4656

Tritanomaly

60.2830, 69.4770, 81.4673

Monochromacy



Original Color

56.6878, 69.6535, 63.2800

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.3855, 66.1756, 67.4008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6878, 69.6535, 63.2800 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, 229, 197)` looks like.

```
.text, #text, p{  
    color:rgb(179, 229, 197)  
}
```

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, 229, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 229, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.6878, 69.6535, 63.2800 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, 229, 197) }
```


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

```
.border{ border-color:rgb(179, 229, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 229, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 229, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 229, 197);  
box-shadow:4px 4px 4px 4px rgb(179, 229,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6878, 69.6535, 63.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 229, 197) }
```

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

```
.background{ background-color: rgb(179,  
229, 197) }
```

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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