

Converting Colors

XYZ(56.1393, 69.6239, 56.2112)

Have a look what the booklet for
XYZ(56.1393, 69.6239, 56.2112)
contains.

XYZ(56.0677, 69.4865, 56.3561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0677, 69.4865,
56.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E5B9
RGB	182, 229, 185
RGB Percent	71%, 90%, 73%
CMY	0.2863, 0.1019, 0.2745
CMYK	0.21, 0.00, 0.19, 0.10
HSL	124°, 47%, 81%
HSV	124°, 21%, 90%
XYZ	56.0677, 69.4865, 56.3561
YIQ	209.9310, -13.8880, -23.6480

Conversions

Conversions Part 2

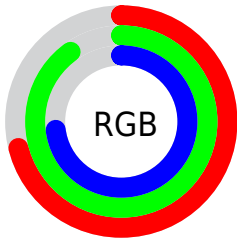
Format	Color
RYB	182, 226, 229
Decimal	11986361
CIELab	86.74, -23.53, 16.57
CIELCh	87, 28.775, 144.851
Yxy	69.4865, 0.3082, 0.3820
Android (android.graphics.Color)	4290176441 (0xFFB6E5B9)
YUV	209.9310, -12.2910, -24.4955
Hunter-Lab	83.3586, -25.8168, 18.2669

Details

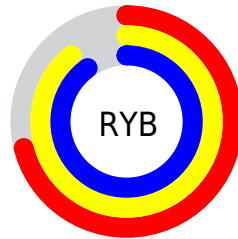
The XYZ color **56.0677, 69.4865, 56.3561** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.7710, 55.6065, 79.3794**, and the grayscale version is **61.2995, 64.4918, 70.2316**.

A 20% lighter version of the original color is **86.8971, 96.0480, 97.1782**, and **28.0105, 36.1423, 27.3296** is the 20% darker color. If you saturate the color by 10%, you get **49.0002, 66.0872, 45.0891**, and if you desaturate by 10%, it is **64.3646, 73.4842, 69.4650**.

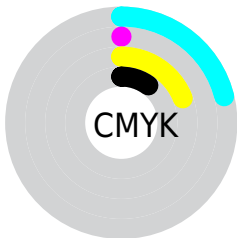
Distribution



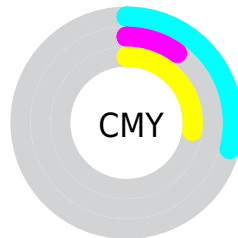
- Red (71%)
- Green (90%)
- Blue (73%)



- Red (71%)
- Yellow (89%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)





- Cyan (29%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0677, 69.4865, 56.3561 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 56.0677, 69.4865, 56.3561 by changing the saturation by 10% instead.


 56.0677, 69.4865,
56.3561

 56.0677, 69.4865,
56.3561


400.0175,
458.7450, 428.4581

 40.4944, 51.1080,
40.0826

 98.2428, 118.4762,
101.0160

 28.1102, 36.2946,
27.2887

125.5753,
149.8562, 130.2395

 18.5496, 24.6618,
17.5558


157.5583,
186.3388, 164.6168

 11.4474, 15.8253,
10.4654

194.5571,
228.3084, 204.5663

 6.4381, 9.4006,
5.5990

236.9370,
276.1494, 250.5067

 3.1564, 5.0034,
2.5380


285.0635,


 1.2370, 2.2492,


330.2463, 302.8564


0.8602


339.3019,
390.9833, 362.0340


 0.1353, 0.7466,
0.0000


 0.0000, 0.0000,
0.0000


 56.0677, 69.4865,
56.3561


 56.0677, 69.4865,
56.3561

 49.0002, 66.0872,
45.0891


 64.3646, 73.4842,
69.4650


 43.0984, 63.2491,
35.5771

 73.9397, 78.0977,
84.4882

 38.3013, 60.9448,
27.7332

 84.8459, 83.3548,
101.4998

 34.5401, 59.1407,
21.4614

 87.3107, 84.5213,
106.3202

■ 31.7381, 57.7997,
16.6555

■ 29.8082, 56.8793,
13.1968

■ 28.6473, 56.3294,
10.9476

■ 28.1042, 56.0747,
9.7801

Harmonies

Analogous

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



60.7808, 69.4865, 46.8922



56.0677, 69.4865, 56.3561



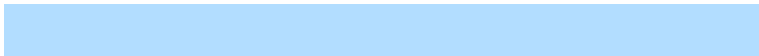
54.0347, 69.4865, 72.3983

Triad

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



56.0677, 69.4865, 56.3561



64.8963, 69.4865, 118.6413



78.4289, 69.4865, 61.1976

Complementary

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



56.0677, 69.4865, 56.3561



62.7710, 55.6065, 79.3794

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.



79.7144, 69.4865, 79.0162



56.0677, 69.4865, 56.3561



71.6044, 69.4865, 114.2883

Square

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



56.0677, 69.4865, 56.3561



58.9071, 69.4865, 109.9874



77.1405, 69.4865, 98.9318



73.7370, 69.4865, 49.3388

Rectangle

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



56.0677, 69.4865, 56.3561



54.3662, 69.4865, 85.5081



77.1405, 69.4865, 98.9318



79.2866, 69.4865, 66.5968

Sweetspot

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



56.0696, 69.4894, 56.3576



87.4223, 96.3244, 96.9509



68.0341, 75.6936, 55.2813



18.5421, 20.5355, 20.4849



0.0000, 0.0000, 0.0000



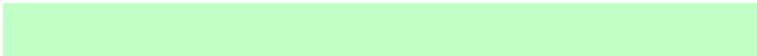
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0696, 69.4894, 56.3576



67.1953, 86.5834, 64.9901



58.6795, 70.5334, 70.1015



14.2265, 16.1040, 15.4573



16.0828, 32.0652, 5.6703



1.2017, 2.3748, 0.4885

Inverse Universe

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



62.7710, 55.6065, 79.3794



77.3270, 65.5914, 99.7941



59.8406, 54.4344, 63.9485



14.9533, 14.5985, 17.9545



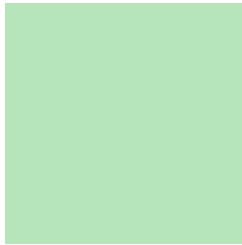
25.4598, 12.3181, 37.6460



1.8935, 0.9151, 2.8456

Previews

White Background



This preview shows how the XYZ color 56.0677, 69.4865, 56.3561 looks on a white background.

Color Contrast Check

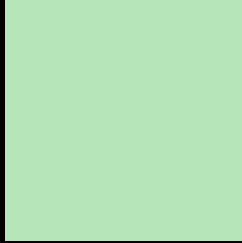
Large Text (above 18pt) WCAG AA × Fail

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 56.0677, 69.4865, 56.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

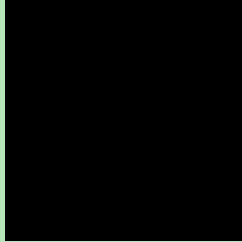
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

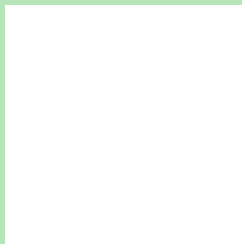
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0677, 69.4865, 56.3561

Background



This preview shows how black text looks on a background with the XYZ color 56.0677, 69.4865, 56.3561.

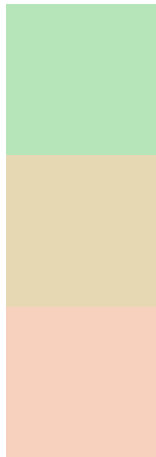


This preview shows how white text looks on a background with the XYZ color 56.0677, 69.4865,

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

56.0677, 69.4865, 56.3561

Protanopia

65.0056, 69.0244, 52.5447

Deuteranopia

70.3435, 69.0492, 57.7644



Tritanopia

63.1871, 69.5509, 91.7557

Trichromacy



Original Color

56.0677, 69.4865, 56.3561



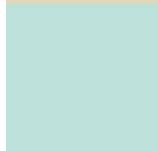
Protanomaly

61.3483, 69.0461, 53.8099



Deuteranomaly

64.0644, 68.4305, 57.4088



Tritanomaly

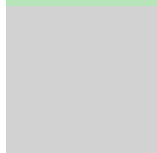
60.4504, 69.6563, 77.2768

Monochromacy



Original Color

56.0677, 69.4865, 56.3561



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

59.1749, 66.1221, 64.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0677, 69.4865, 56.3561 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(182, 229, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 229, 185)  
}
```

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(182, 229, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 229, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.0677, 69.4865, 56.3561 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(182, 229, 185) }
```


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

```
.border{ border-color:rgb(182, 229, 185) }
```

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

Here you see how a box with a 4 pixel rgb(182, 229, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 229, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 229, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 229,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0677, 69.4865, 56.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 229, 185) }
```

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

```
.background{ background-color: rgb(182,  
229, 185) }
```

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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