

Converting Colors

XYZ(56.5101, 69.9473, 64.5556)

Have a look what the booklet for
XYZ(56.5101, 69.9473, 64.5556)
contains.

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Color

**XYZ(56.5101, 69.9473,
64.5556)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E6C7
RGB	176, 230, 199
RGB Percent	69%, 90%, 78%
CMY	0.3098, 0.0980, 0.2196
CMYK	0.23, 0.00, 0.13, 0.10
HSL	146°, 52%, 80%
HSV	146°, 23%, 90%
XYZ	56.5101, 69.9473, 64.5556
YIQ	210.3200, -22.2330, -21.0890

Conversions

Conversions Part 2

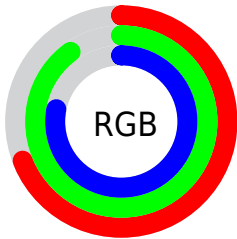
Format	Color
RYB	176, 214, 230
Decimal	11593415
CIELab	86.97, -23.41, 9.52
CIELCh	87, 25.267, 157.869
Yxy	69.9473, 0.2958, 0.3662
Android (android.graphics.Color)	4289783495 (0xFFB0E6C7)
YUV	210.3200, -5.5808, -30.0986
Hunter-Lab	83.6345, -25.7516, 12.7795

Details

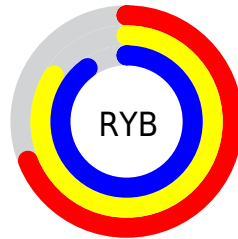
The XYZ color **56.5101, 69.9473, 64.5556** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.4234, 52.3803, 66.0129**, and the grayscale version is **61.5164, 64.7200, 70.4801**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.2729, 36.4540, 32.3343** is the 20% darker color. If you saturate the color by 10%, you get **50.2766, 66.9053, 56.6056**, and if you desaturate by 10%, it is **63.7616, 73.5026, 73.2507**.

Distribution



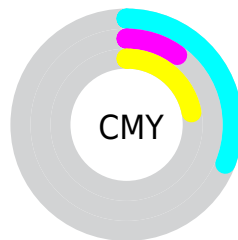
- Red (69%)
- Green (90%)
- Blue (78%)



- Red (69%)
- Yellow (84%)
- Blue (90%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)





- Cyan (31%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5101, 69.9473, 64.5556 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 56.5101, 69.9473, 64.5556 by changing the saturation by 10% instead.


 56.5101, 69.9473,
64.5556

 56.5101, 69.9473,
64.5556


401.6550,
460.3649, 459.4557

 40.8507, 51.4836,
46.6518


 98.8855, 119.1336,
113.0179

 28.3896, 36.5936,
32.4081


126.3322,
150.6250, 144.4134

 18.7615, 24.8930,
21.4060


158.4386,
187.2277, 181.1432

 11.6010, 15.9973,
13.2270

195.5702,
229.3261, 223.6258

 6.5429, 9.5223,
7.4525

238.0922,
277.3046, 272.2799

 3.2217, 5.0834,
3.6639

286.3702,

 1.2720, 2.2963,

331.5477, 327.5238

1.4429

340.7693,
392.4397, 389.7763

■ 0.1621, 0.7717,
0.1748

■ 0.0000, 0.0000,
0.0000

■ 56.5101, 69.9473,
64.5556

■ 56.5101, 69.9473,
64.5556

■ 50.2766, 66.9053,
56.6056

■ 63.7616, 73.5026,
73.2507

■ 45.0076, 64.3436,
49.3763

■ 72.0699, 77.5850,
82.7052

■ 40.6534, 62.2388,
42.8485

■ 81.4786, 82.2186,
92.9390

■ 37.1569, 60.5622,
37.0005

■ 87.0803, 84.8732,
103.7383

■ 34.4548, 59.2813,
31.8093

■ 87.5882, 85.0763,
106.4127

■ 32.4740, 58.3590,
27.2506

■ 31.1264, 57.7504,
23.2981

■ 30.5009, 57.4774,
21.0321

Harmonies

Analogous

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



59.7537, 69.9473, 53.2669



56.5101, 69.9473, 64.5556



55.8579, 69.9473, 80.6999

Triad

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



56.5101, 69.9473, 64.5556



68.0494, 69.9473, 113.1264



75.8548, 69.9473, 57.8928

Complementary

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



56.5101, 69.9473, 64.5556



59.4234, 52.3803, 66.0129

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.



78.3762, 69.9473, 71.7951



56.5101, 69.9473, 64.5556



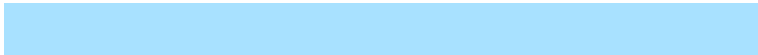
73.6990, 69.9473, 104.8225

Square

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



56.5101, 69.9473, 64.5556



62.2965, 69.9473, 110.4278



77.5648, 69.9473, 89.0794



70.8526, 69.9473, 49.8357

Rectangle

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



56.5101, 69.9473, 64.5556



56.9422, 69.9473, 92.3946



77.5648, 69.9473, 89.0794



77.0337, 69.9473, 61.9493

Sweetspot

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



56.5120, 69.9502, 64.5572



87.1788, 96.1278, 100.1479



62.0078, 73.0690, 51.9107



18.5214, 20.5073, 21.2791



0.0000, 0.0000, 0.0000



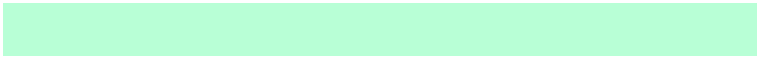
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5120, 69.9502, 64.5572



67.5703, 86.5165, 76.7628



59.8626, 71.2904, 82.2009



14.4428, 16.1905, 16.5965



17.3254, 32.5623, 12.2138



1.3260, 2.4245, 1.1431

Inverse Universe

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



59.4234, 52.3803, 66.0129



71.8323, 60.7889, 78.8890



56.4498, 51.1909, 50.3541



14.7220, 14.5060, 16.7367



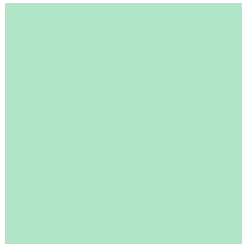
20.8970, 10.4930, 13.6185



1.5905, 0.7939, 1.2500

Previews

White Background



This preview shows how the XYZ color 56.5101, 69.9473, 64.5556 looks on a white background.

Color Contrast Check

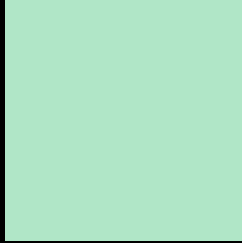
Large Text (above 18pt) WCAG AA × Fail

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 56.5101, 69.9473, 64.5556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

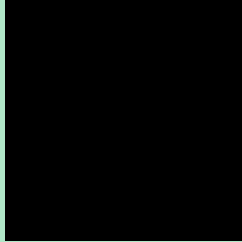
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

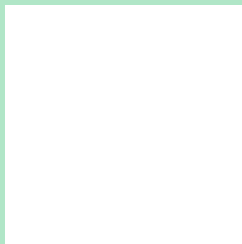
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5101, 69.9473, 64.5556

Background



This preview shows how black text looks on a background with the XYZ color 56.5101, 69.9473, 64.5556.



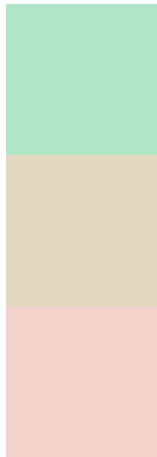
This preview shows how white text looks on a background with the XYZ color 56.5101, 69.9473,

64.5556.

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

56.5101, 69.9473, 64.5556

Protanopia

65.7488, 69.2484, 59.7701

Deuteranopia

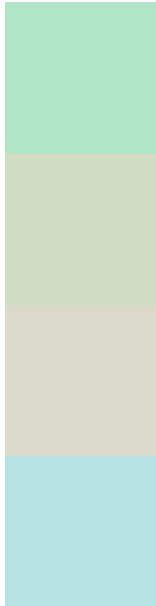
70.7882, 69.4597, 66.1760



Tritanopia

62.4498, 69.9125, 94.2074

Trichromacy



Original Color

56.5101, 69.9473, 64.5556

Protanomaly

61.7192, 69.0629, 61.7073

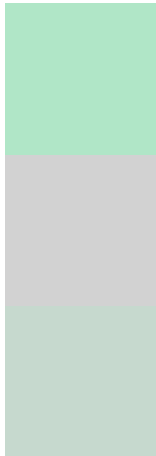
Deuteranomaly

64.6869, 68.9500, 65.7764

Tritanomaly

59.9799, 69.7075, 82.2451

Monochromacy



Original Color

56.5101, 69.9473, 64.5556

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.2421, 66.0877, 68.0263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5101, 69.9473, 64.5556 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(176, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(176, 230, 199)  
}
```

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(176, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 230, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.5101, 69.9473, 64.5556 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(176, 230, 199) }
```


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

```
.border{ border-color:rgb(176, 230, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 230, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 230, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 230, 199); box-shadow:4px 4px 4px 4px rgb(176, 230, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5101, 69.9473, 64.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 230, 199) }
```

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

```
.background{ background-color: rgb(176,  
230, 199) }
```

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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