

Converting Colors

XYZ(56.8859, 74.2086, 61.7776)

Have a look what the booklet for
XYZ(56.8859, 74.2086, 61.7776)
contains.

XYZ(56.8543, 74.0183, 61.7425)	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(56.8543, 74.0183,
61.7425)**

Conversions

Conversions Part 1

Format	Color
Hex	A9EFC1
RGB	169, 239, 193
RGB Percent	66%, 94%, 76%
CMY	0.3372, 0.0627, 0.2431
CMYK	0.29, 0.00, 0.19, 0.06
HSL	141°, 69%, 80%
HSV	141°, 29%, 94%
XYZ	56.8543, 74.0183, 61.7425
YIQ	212.8260, -26.9540, -29.1460

Conversions

Conversions Part 2

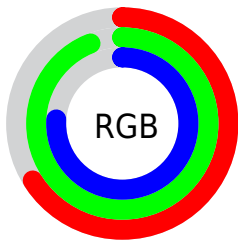
Format	Color
RYB	169, 221, 239
Decimal	11136961
CIELab	88.93, -31.00, 15.38
CIElCh	89, 34.605, 153.622
Yxy	74.0183, 0.2952, 0.3843
Android (android.graphics.Color)	4289327041 (0xFFA9EFC1)
YUV	212.8260, -9.7742, -38.4354
Hunter-Lab	86.0339, -32.6001, 17.6741

Details

The XYZ color **56.8543, 74.0183, 61.7425** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.0528, 51.6346, 70.9889**, and the grayscale version is **63.2073, 66.4990, 72.4174**.

A 20% lighter version of the original color is **84.3793, 94.5909, 104.2531**, and **28.6639, 39.3759, 30.5157** is the 20% darker color. If you saturate the color by 10%, you get **50.5281, 70.9509, 52.7815**, and if you desaturate by 10%, it is **64.3078, 77.6494, 71.7309**.

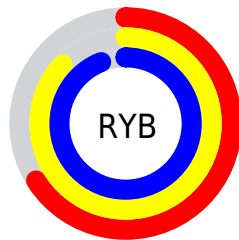
Distribution



Red (66%)

Green (94%)

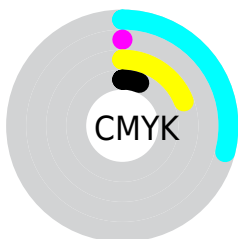
Blue (76%)



Red (66%)

Yellow (87%)

Blue (94%)

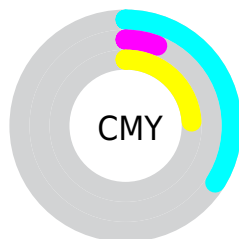


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (6%)



Cyan (34%)


Magenta (6%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8543, 74.0183, 61.7425 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 56.8543, 74.0183, 61.7425 by changing the saturation by 10% instead.

 56.8543, 74.0183,
61.7425

 56.8543, 74.0183,
61.7425


402.9261,
474.5365, 448.9729

 41.1280, 54.8090,
44.3902


 99.3851, 124.9217,
108.9213

 28.6072, 39.2488,
30.6380


126.9204,
157.3847, 139.5848

 18.9267, 26.9534,
20.0672

159.1226,
195.0343, 175.5226

 11.7210, 17.5382,
12.2593

196.3572,
238.2550, 217.1530

 6.6248, 10.6190,
6.7959

238.9894,
287.4312, 264.8948

 3.2728, 5.8112,
3.2583


287.3848,


 1.2996, 2.7306,


342.9473, 319.1663


1.2280


341.9086,
405.1876, 380.3862


 0.1829, 0.9928,
0.0016


 0.0000, 0.0000,
0.0000


 56.8543, 74.0183,
61.7425


 56.8543, 74.0183,
61.7425


 50.5281, 70.9509,
52.7815


 64.3078, 77.6494,
71.7309


 45.2664, 68.4094,
44.8099


 72.9354, 81.8617,
82.7729


 41.0090, 66.3654,
37.7949


 82.7884, 86.6828,
94.9002


 37.6871, 64.7844,
31.6998

 90.1579, 90.2159,
107.2693

 35.2229, 63.6270,
26.4852

 33.5246, 62.8466,
22.1091

 32.4528, 62.3722,
18.5240

 32.3887, 62.3442,
18.2977

Harmonies

Analogous

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



61.7843, 74.0183, 47.8909



56.8543, 74.0183, 61.7425



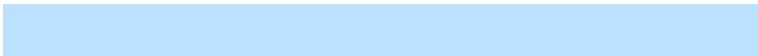
55.4355, 74.0183, 83.5500

Triad

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



56.8543, 74.0183, 61.7425



71.3771, 74.0183, 136.1197



84.6739, 74.0183, 57.6024

Complementary

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



56.8543, 74.0183, 61.7425



62.0528, 51.6346, 70.9889

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.



87.7301, 74.0183, 77.7073



56.8543, 74.0183, 61.7425



79.6777, 74.0183, 125.5637

Square

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



56.8543, 74.0183, 61.7425



63.4187, 74.0183, 129.5307



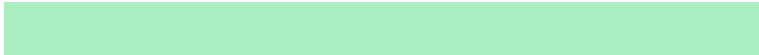
85.8333, 74.0183, 102.9367



77.7735, 74.0183, 45.8557

Rectangle

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



56.8543, 74.0183, 61.7425



56.5699, 74.0183, 100.5809



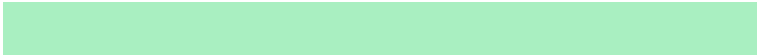
85.8333, 74.0183, 102.9367



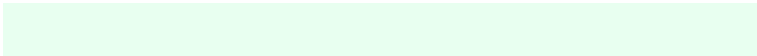
86.2088, 74.0183, 63.4464

Sweetspot

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



56.8563, 74.0214, 61.7442



84.7710, 94.9706, 96.2377



66.2511, 79.1493, 49.3224



17.8123, 20.1653, 20.1815



0.0000, 0.0000, 0.0000



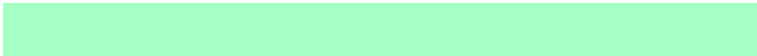
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8563, 74.0214, 61.7442



61.4371, 83.6014, 65.3318



61.1422, 75.7358, 84.3135



15.7896, 17.7458, 17.9147



17.9532, 34.4733, 10.4026



1.5386, 2.8859, 1.1025

Inverse Universe

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



62.0528, 51.6346, 70.9889



68.3398, 53.8452, 77.5976



58.0930, 50.0507, 50.1370



16.2106, 15.9340, 18.6653



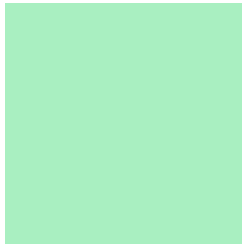
23.1014, 11.5130, 18.9825



1.9683, 0.9764, 1.8240

Previews

White Background



This preview shows how the XYZ color 56.8543, 74.0183, 61.7425 looks on a white background.

Color Contrast Check

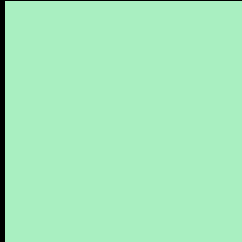
Large Text (above 18pt) WCAG AA × Fail

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 56.8543, 74.0183, 61.7425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

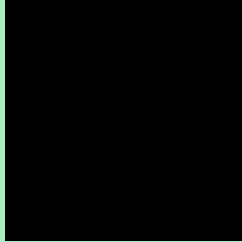
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8543, 74.0183, 61.7425

Background



This preview shows how black text looks on a background with the XYZ color 56.8543, 74.0183, 61.7425.



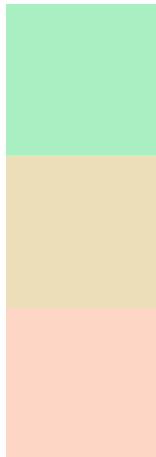
This preview shows how white text looks on a background with the XYZ color 56.8543, 74.0183,

61.7425.

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

56.8543, 74.0183, 61.7425

Protanopia

69.1392, 73.4075, 56.4240

Deuteranopia

74.7476, 73.0530, 63.5871



Tritanopia

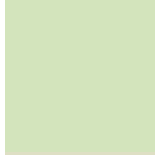
64.6536, 73.7573, 101.2714

Trichromacy



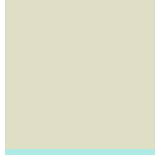
Original Color

56.8543, 74.0183, 61.7425



Protanomaly

63.6845, 72.9665, 58.3044



Deuteranomaly

66.4757, 72.2905, 62.6744



Tritanomaly

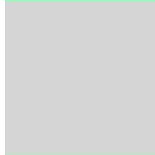
61.4702, 73.7329, 85.1208

Monochromacy



Original Color

56.8543, 74.0183, 61.7425



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.2878, 68.5691, 68.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8543, 74.0183, 61.7425 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(169, 239, 193)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 193)  
}
```

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(169, 239, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.8543, 74.0183, 61.7425 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(169, 239, 193) }
```


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

```
.border{ border-color:rgb(169, 239, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 239, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 239, 193);  
box-shadow:4px 4px 4px 4px rgb(169, 239,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8543, 74.0183, 61.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 193) }
```

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

```
.background{ background-color: rgb(169,  
239, 193) }
```

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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