

Converting Colors

XYZ(56.8940, 73.7572, 54.8527)

Have a look what the booklet for
XYZ(56.8940, 73.7572, 54.8527)
contains.

XYZ(56.8195, 73.7154, 54.9498)	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(56.8195, 73.7154,
54.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	B0EEB5
RGB	176, 238, 181
RGB Percent	69%, 93%, 71%
CMY	0.3098, 0.0666, 0.2902
CMYK	0.26, 0.00, 0.24, 0.07
HSL	125°, 65%, 81%
HSV	125°, 26%, 93%
XYZ	56.8195, 73.7154, 54.9498
YIQ	212.9640, -18.6550, -30.8710

Conversions

Conversions Part 2

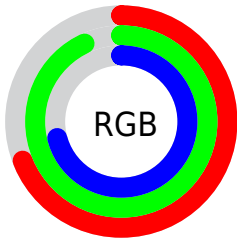
Format	Color
RYB	176, 233, 238
Decimal	11595445
CIELab	88.79, -30.47, 21.44
CIELCh	89, 37.255, 144.873
Yxy	73.7154, 0.3063, 0.3974
Android (android.graphics.Color)	4289785525 (0xFFB0EEB5)
YUV	212.9640, -15.7583, -32.4174
Hunter-Lab	85.8577, -32.1219, 22.1542

Details

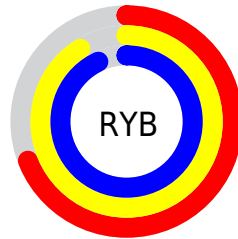
The XYZ color **56.8195, 73.7154, 54.9498** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4957, 55.1126, 84.2797**, and the grayscale version is **63.3344, 66.6327, 72.5630**.

A 20% lighter version of the original color is **84.6503, 94.9581, 93.9880**, and **28.6503, 39.1520, 26.4691** is the 20% darker color. If you saturate the color by 10%, you get **49.8310, 70.3542, 43.8094**, and if you desaturate by 10%, it is **65.1080, 77.7103, 67.9948**.

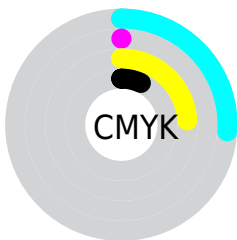
Distribution



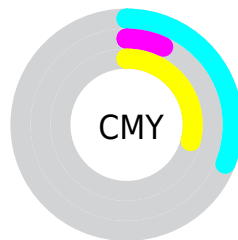
- Red (69%)
- Green (93%)
- Blue (71%)



- Red (69%)
- Yellow (91%)
- Blue (93%)



- Cyan (26%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)





- Cyan (31%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8195, 73.7154, 54.9498 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 56.8195, 73.7154, 54.9498 by changing the saturation by 10% instead.

 56.8195, 73.7154,
54.9498

 56.8195, 73.7154,
54.9498


402.7977,
473.4905, 422.9982

 41.0999, 54.5611,
38.9632


 99.3346, 124.4923,
98.9378

 28.5852, 39.0505,
26.4235


126.8609,
156.8837, 127.7763

 18.9099, 26.7990,
16.9121


159.0535,
194.4563, 161.7359

 11.7088, 17.4223,
10.0106

196.2776,
237.5944, 201.2350

 6.6165, 10.5360,
5.3003

238.8988,
286.6825, 246.6922

 3.2676, 5.7558,
2.3627


287.2823,

 1.2968, 2.6972,


342.1050, 298.5262


0.7660


341.7935,
404.2462, 357.1553

 0.1808, 0.9758,
0.0000


 0.0000, 0.0000,
0.0000


 56.8195, 73.7154,
54.9498


 56.8195, 73.7154,
54.9498


 49.8310, 70.3542,
43.8094

 65.1080, 77.7103,
67.9948


 44.0710, 67.5853,
34.4798

 74.7517, 82.3592,
83.0224

 39.4700, 65.3772,
26.8670

 85.8096, 87.6929,
100.1123

 35.9492, 63.6913,
20.8663

 89.8660, 89.6320,
107.1720

■ 33.4199, 62.4845,
16.3616

■ 31.7792, 61.7065,
13.2213

■ 30.9013, 61.2957,
11.2909

■ 30.6952, 61.1997,
10.8198

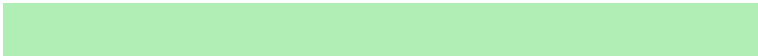
Harmonies

Analogous

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



63.0220, 73.7154, 43.1185



56.8195, 73.7154, 54.9498



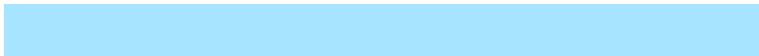
54.1761, 73.7154, 75.9080

Triad

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



56.8195, 73.7154, 54.9498



68.5265, 73.7154, 140.5699



86.9997, 73.7154, 61.1379

Complementary

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



56.8195, 73.7154, 54.9498



65.4957, 55.1126, 84.2797

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.



88.7896, 73.7154, 84.7826



56.8195, 73.7154, 54.9498



77.6125, 73.7154, 134.2632

Square

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



56.8195, 73.7154, 54.9498



60.5546, 73.7154, 128.1076



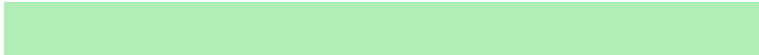
85.2222, 73.7154, 112.3567



80.5208, 73.7154, 46.1175

Rectangle

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



56.8195, 73.7154, 54.9498



54.6082, 73.7154, 93.6951



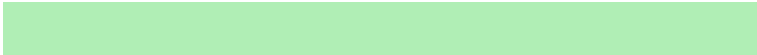
85.2222, 73.7154, 112.3567



88.1920, 73.7154, 68.1812

Sweetspot

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



56.8214, 73.7185, 54.9514



85.0650, 95.1846, 93.4330



72.3021, 81.7573, 53.0449



17.8310, 20.1919, 19.4131



0.0000, 0.0000, 0.0000



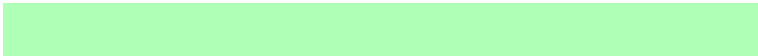
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8214, 73.7185, 54.9514



62.1304, 84.1352, 57.3978



60.2558, 75.0922, 73.0363



15.6176, 17.6771, 17.0094



17.1424, 34.1490, 6.1327



1.4438, 2.8480, 0.6035

Inverse Universe

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



65.4957, 55.1126, 84.2797



73.7959, 59.1072, 96.8350



61.5511, 53.5347, 63.5075



16.3960, 16.0081, 19.6418



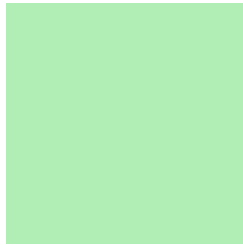
26.8134, 12.9978, 38.5294



2.2468, 1.0878, 3.2904

Previews

White Background



This preview shows how the XYZ color 56.8195, 73.7154, 54.9498 looks on a white background.

Color Contrast Check

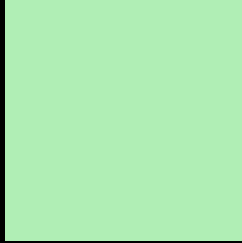
Large Text (above 18pt) WCAG AA × Fail

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 56.8195, 73.7154, 54.9498 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 56.8195, 73.7154, 54.9498

Background



This preview shows how black text looks on a background with the XYZ color 56.8195, 73.7154, 54.9498.



This preview shows how white text looks on a background with the XYZ color 56.8195, 73.7154,

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

56.8195, 73.7154, 54.9498

Protanopia

68.5892, 73.2642, 50.0615

Deuteranopia

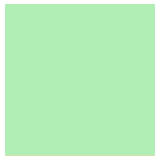
74.3637, 72.9840, 57.7449



Tritanopia

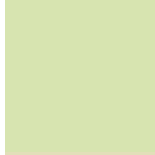
65.5468, 73.4454, 98.7174

Trichromacy



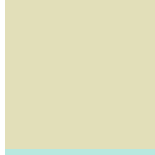
Original Color

56.8195, 73.7154, 54.9498



Protanomaly

63.6042, 73.0685, 51.8256



Deuteranomaly

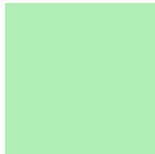
66.5087, 72.4469, 56.3772



Tritanomaly

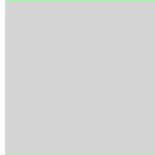
61.9431, 73.2313, 80.6823

Monochromacy



Original Color

56.8195, 73.7154, 54.9498



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.4833, 68.7390, 65.3385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8195, 73.7154, 54.9498 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, 238, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 238, 181)  
}
```

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, 238, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 238, 181) }
```

Border

The CSS property to change the border of an element to XYZ 56.8195, 73.7154, 54.9498 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, 238, 181) }
```


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

```
.border{ border-color:rgb(176, 238, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 238, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 238, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 238, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 238,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8195, 73.7154, 54.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 238, 181) }
```

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

```
.background{ background-color: rgb(176,  
238, 181) }
```

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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