

Converting Colors

XYZ(54.0206, 72.7256, 43.4334)

Have a look what the booklet for
XYZ(54.0206, 72.7256, 43.4334)
contains.

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Color

**XYZ(53.9797, 72.5019,
43.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEE9E
RGB	173, 238, 158
RGB Percent	68%, 93%, 62%
CMY	0.3216, 0.0666, 0.3804
CMYK	0.27, 0.00, 0.34, 0.07
HSL	109°, 70%, 78%
HSV	109°, 34%, 93%
XYZ	53.9797, 72.5019, 43.4970
YIQ	209.4450, -13.0600, -38.6600

Conversions

Conversions Part 2

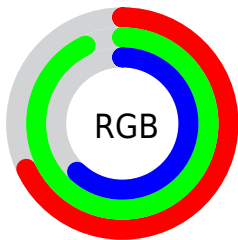
Format	Color
RYB	158, 238, 223
Decimal	11398814
CIELab	88.21, -35.12, 32.37
CIELCh	88, 47.762, 137.326
Yxy	72.5019, 0.3176, 0.4265
Android (android.graphics.Color)	4289588894 (0xFFADEE9E)
YUV	209.4450, -25.3624, -31.9623
Hunter-Lab	85.1480, -35.8488, 29.3159

Details

The XYZ color **53.9797, 72.5019, 43.4970** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **58.0940, 46.3169, 86.7709**, and the grayscale version is **61.0634, 64.2434, 69.9611**.

A 20% lighter version of the original color is **80.4034, 93.1471, 76.6923**, and **26.9372, 38.4184, 19.6314** is the 20% darker color. If you saturate the color by 10%, you get **48.1554, 69.7158, 33.5466**, and if you desaturate by 10%, it is **60.8234, 75.7720, 55.5690**.

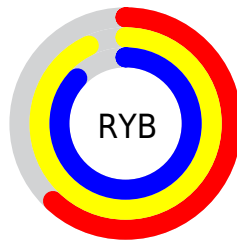
Distribution



Red (68%)

Green (93%)

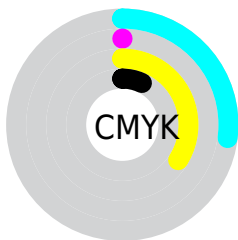
Blue (62%)



Red (62%)

Yellow (93%)

Blue (87%)

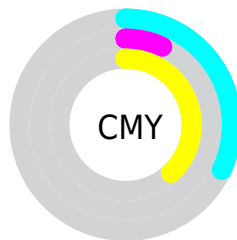


Cyan (27%)

Magenta (0%)

Yellow (34%)

Black (7%)



Cyan (32%)


Magenta (7%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9797, 72.5019, 43.4970 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 53.9797, 72.5019, 43.4970 by changing the saturation by 10% instead.


 53.9797, 72.5019,
43.4970


 53.9797, 72.5019,
43.4970


392.2322,
469.2867, 376.6328

 38.8160, 53.5688,
29.9410


 95.2015, 122.7698,
81.7547

 26.7967, 38.2570,
19.5421


 121.9904,
154.8734, 107.2935

 17.5564, 26.1822,
11.8819


153.3850,
192.1360, 137.6636

 10.7297, 16.9600,
6.5417

189.7508,
234.9418, 173.2835

 5.9514, 10.2060,
3.1031

231.4530,
283.6755, 214.5719

 2.8559, 5.5357,
1.1475


278.8571,

 1.0780, 2.5649,


338.7212, 261.9472


0.0000


332.3284,
400.4635, 315.8280


 0.0066, 0.9091,
0.0000


 0.0000, 0.0000,
0.0000


 53.9797, 72.5019,
43.4970


 53.9797, 72.5019,
43.4970

 48.1554, 69.7158,
33.5466


 60.8234, 75.7720,
55.5690

 43.2956, 67.3815,
25.5907

 68.7270, 79.5381,
69.8703

 39.3484, 65.4774,
19.4961

 77.7356, 83.8233,
86.5072

 36.2544, 63.9763,
15.1113

 87.8898, 88.6464,
105.5775

■ 33.9473, 62.8476,
12.2611

■ 89.8660, 89.6319,
107.1720

■ 32.3493, 62.0560,
10.7325

■ 31.6415, 61.7012,
10.2419

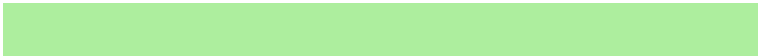
Harmonies

Analogous

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



62.5695, 72.5019, 32.8047



53.9797, 72.5019, 43.4970



49.6124, 72.5019, 65.9199

Triad

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



53.9797, 72.5019, 43.4970



64.1997, 72.5019, 157.6699



92.0976, 72.5019, 61.6386

Complementary

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



53.9797, 72.5019, 43.4970



58.0940, 46.3169, 86.7709

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.



92.6591, 72.5019, 93.5758



53.9797, 72.5019, 43.4970



75.6669, 72.5019, 155.5814

Square

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



53.9797, 72.5019, 43.4970



55.0590, 72.5019, 134.8638



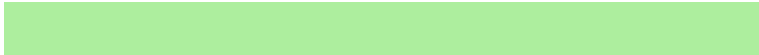
86.3690, 72.5019, 129.7652



84.9105, 72.5019, 41.1132

Rectangle

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



53.9797, 72.5019, 43.4970



49.3268, 72.5019, 87.2454



86.3690, 72.5019, 129.7652



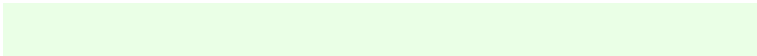
93.0936, 72.5019, 71.1834

Sweetspot

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



53.9816, 72.5050, 43.4986



83.9967, 94.7451, 88.3558



67.5558, 72.8916, 42.8578



17.6691, 20.1320, 18.3423



0.0000, 0.0000, 0.0000



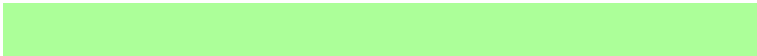
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9816, 72.5050, 43.4986



58.5500, 82.6045, 42.9953



53.1208, 71.7988, 55.3165



15.8424, 17.7989, 16.7503



17.7312, 34.4623, 5.7174



1.5507, 2.9059, 0.4792

Inverse Universe

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



58.0940, 46.3169, 86.7709



63.9926, 47.8143, 100.4641



59.6270, 47.4878, 69.6445



16.1468, 15.8729, 19.9344



21.0370, 9.8504, 45.9204



1.8243, 0.8577, 3.8236

Previews

White Background



This preview shows how the XYZ color 53.9797, 72.5019, 43.4970 looks on a white background.

Color Contrast Check

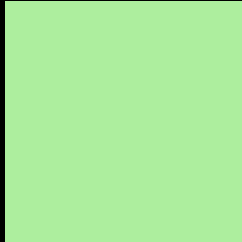
Large Text (above 18pt) WCAG AA × Fail

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 53.9797, 72.5019, 43.4970 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 53.9797, 72.5019, 43.4970

Background



This preview shows how black text looks on a background with the XYZ color 53.9797, 72.5019, 43.4970.



This preview shows how white text looks on a background with the XYZ color 53.9797, 72.5019,

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

53.9797, 72.5019, 43.4970

Protanopia

66.7757, 71.7715, 39.6120

Deuteranopia

72.5771, 71.8656, 49.5814



Tritanopia

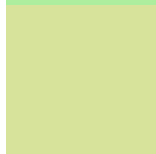
64.6896, 72.2221, 96.9170

Trichromacy



Original Color

53.9797, 72.5019, 43.4970



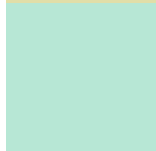
Protanomaly

61.3262, 71.7183, 41.1826



Deuteranomaly

64.2405, 71.0773, 47.3792



Tritanomaly

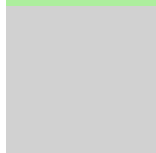
60.1146, 72.0232, 73.6843

Monochromacy



Original Color

53.9797, 72.5019, 43.4970



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.6524, 66.6399, 58.5394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9797, 72.5019, 43.4970 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(173, 238, 158)` looks like.

```
.text, #text, p{  
    color:rgb(173, 238, 158)  
}
```

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(173, 238, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 238, 158) }
```

Border

The CSS property to change the border of an element to XYZ 53.9797, 72.5019, 43.4970 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(173, 238, 158) }
```


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

```
.border{ border-color:rgb(173, 238, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 238, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 238, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 238, 158); box-shadow:4px 4px 4px 4px rgb(173, 238, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9797, 72.5019, 43.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 238, 158) }
```

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

```
.background{ background-color: rgb(173,  
238, 158) }
```

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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