

Converting Colors

XYZ(54.3458, 73.7648, 43.3977)

Have a look what the booklet for
XYZ(54.3458, 73.7648, 43.3977)
contains.

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Color

**XYZ(54.2591, 73.5252,
43.2303)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF09D
RGB	172, 240, 157
RGB Percent	67%, 94%, 62%
CMY	0.3255, 0.0588, 0.3843
CMYK	0.28, 0.00, 0.35, 0.06
HSL	109°, 73%, 78%
HSV	109°, 35%, 94%
XYZ	54.2591, 73.5252, 43.2303
YIQ	210.2060, -13.8850, -40.2290

Conversions

Conversions Part 2

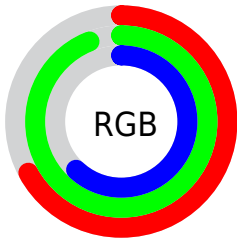
Format	Color
RYB	157, 240, 225
Decimal	11333789
CIELab	88.70, -36.51, 33.52
CIELCh	89, 49.559, 137.444
Yxy	73.5252, 0.3173, 0.4299
Android (android.graphics.Color)	4289523869 (0xFFACF09D)
YUV	210.2060, -26.2306, -33.5067
Hunter-Lab	85.7468, -37.1053, 30.1310

Details

The XYZ color **54.2591, 73.5252, 43.2303** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **58.8399, 46.4151, 88.2999**, and the grayscale version is **61.5690, 64.7753, 70.5403**.

A 20% lighter version of the original color is **79.9568, 92.9315, 76.0108**, and **27.0264, 39.0828, 19.4839** is the 20% darker color. If you saturate the color by 10%, you get **48.4074, 70.7247, 33.2909**, and if you desaturate by 10%, it is **61.1557, 76.8222, 55.3226**.

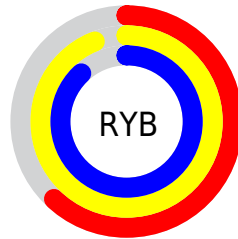
Distribution



Red (67%)

Green (94%)

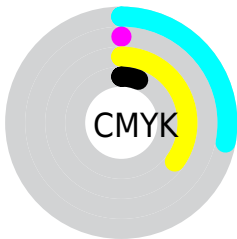
Blue (62%)



Red (62%)

Yellow (94%)

Blue (88%)

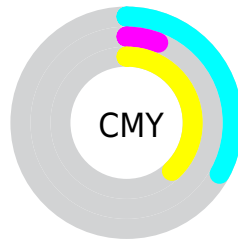


Cyan (28%)

Magenta (0%)

Yellow (35%)

Black (6%)



Cyan (33%)


Magenta (6%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2591, 73.5252, 43.2303 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 54.2591, 73.5252, 43.2303 by changing the saturation by 10% instead.


 54.2591, 73.5252,
43.2303


 54.2591, 73.5252,
43.2303


393.2795,
472.8331, 375.5070

 39.0403, 54.4055,
29.7331


 95.6092, 124.2225,
81.3484

 26.9720, 38.9260,
19.3858


 122.4713,
156.5689, 106.8063

 17.6887, 26.7021,
11.7697


153.9452,
194.0931, 137.0883

 10.8250, 17.3496,
6.4665

190.3963,
237.1793, 172.6128

 6.0157, 10.4841,
3.0574

232.1899,
286.2120, 213.7984

 2.8954, 5.7211,
1.1240


279.6914,

 1.0987, 2.6762,


341.5756, 261.0636


0.0000


333.2662,
403.6545, 314.8269


 0.0240, 0.9651,
0.0000

 0.0000, 0.0000,
0.0000


 54.2591, 73.5252,
43.2303


 54.2591, 73.5252,
43.2303


 48.4074, 70.7247,
33.2909


 61.1557, 76.8222,
55.3226

 43.5433, 68.3873,
25.3735

 69.1395, 80.6286,
69.6786

 39.6126, 66.4904,
19.3407

 78.2574, 84.9682,
86.4076

 36.5532, 65.0054,
15.0357

 88.5517, 89.8607,
105.6100

■ 34.2951, 63.9000,
12.2767

■ 90.4516, 90.8032,
107.3672

■ 32.7565, 63.1370,
10.8410

■ 32.1733, 62.8448,
10.4346

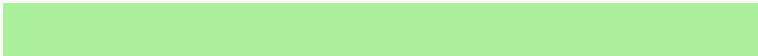
Harmonies

Analogous

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



63.2064, 73.5252, 32.1894



54.2591, 73.5252, 43.2303



49.7337, 73.5252, 66.5608

Triad

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



54.2591, 73.5252, 43.2303



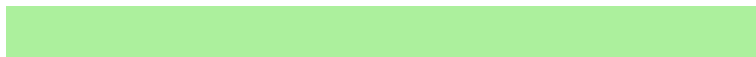
64.9970, 73.5252, 163.2038



94.2294, 73.5252, 61.8724

Complementary

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



54.2591, 73.5252, 43.2303



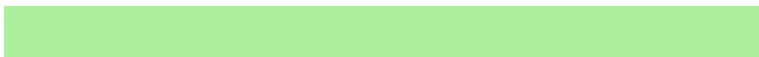
58.8399, 46.4151, 88.2999

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.



94.8510, 73.5252, 95.2631



54.2591, 73.5252, 43.2303



77.0150, 73.5252, 160.8748

Square

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



54.2591, 73.5252, 43.2303



55.4405, 73.5252, 139.1112



88.2517, 73.5252, 133.4425



86.6394, 73.5252, 40.6466

Rectangle

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



54.2591, 73.5252, 43.2303



49.4500, 73.5252, 88.9066



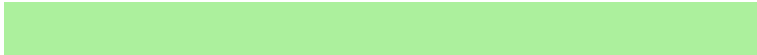
88.2517, 73.5252, 133.4425



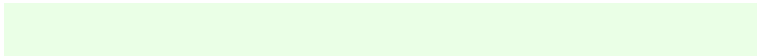
95.2888, 73.5252, 71.8140

Sweetspot

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



54.2610, 73.5283, 43.2319



83.9398, 94.7158, 88.3532



68.8909, 74.6965, 42.6863



17.6555, 20.1250, 18.3416



0.0000, 0.0000, 0.0000



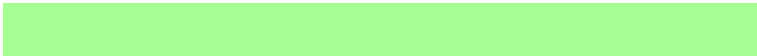
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2610, 73.5283, 43.2319



57.0871, 81.8979, 40.7746



53.6438, 72.9224, 56.2044



15.8323, 17.7937, 16.7498



17.6903, 34.4413, 5.7155



1.5459, 2.9035, 0.4789

Inverse Universe

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



58.8399, 46.4151, 88.2999



63.0995, 46.1411, 100.1882



60.0963, 47.4817, 69.4291



16.1578, 15.8786, 19.9349



21.2659, 9.9684, 45.9311



1.8413, 0.8665, 3.8244

Previews

White Background



This preview shows how the XYZ color 54.2591, 73.5252, 43.2303 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 54.2591, 73.5252, 43.2303 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

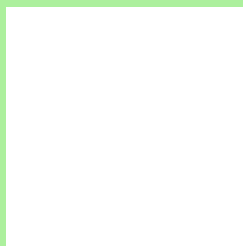
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2591, 73.5252, 43.2303

Background



This preview shows how black text looks on a background with the XYZ color 54.2591, 73.5252, 43.2303.

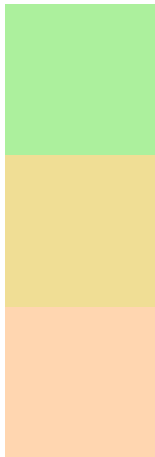


This preview shows how white text looks on a background with the XYZ color 54.2591, 73.5252,

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

54.2591, 73.5252, 43.2303

Protanopia

67.4813, 72.9377, 38.9555

Deuteranopia

73.1230, 72.4877, 51.2118



Tritanopia

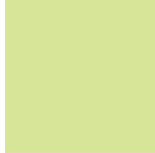
65.3013, 73.3188, 98.7059

Trichromacy



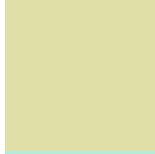
Original Color

54.2591, 73.5252, 43.2303



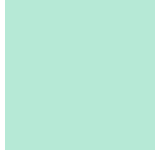
Protanomaly

61.7111, 72.7527, 40.4959



Deuteranomaly

64.6004, 71.6475, 47.9607



Tritanomaly

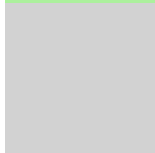
60.5679, 73.0779, 74.5315

Monochromacy



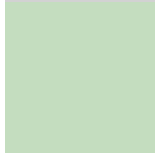
Original Color

54.2591, 73.5252, 43.2303



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.0254, 67.2103, 59.2048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2591, 73.5252, 43.2303 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(172, 240, 157)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 157)  
}
```

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(172, 240, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 157) }
```

Border

The CSS property to change the border of an element to XYZ 54.2591, 73.5252, 43.2303 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(172, 240, 157) }
```


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

```
.border{ border-color:rgb(172, 240, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 240, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 240, 157);  
box-shadow:4px 4px 4px 4px rgb(172, 240,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2591, 73.5252, 43.2303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 157) }
```

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

```
.background{ background-color: rgb(172,  
240, 157) }
```

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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