

Converting Colors

XYZ(53.0486, 71.1942, 41.9574)

Have a look what the booklet for
XYZ(53.0486, 71.1942, 41.9574)
contains.

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Color

**XYZ(53.1454, 71.2417,
41.9603)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEC9B
RGB	173, 236, 155
RGB Percent	68%, 93%, 61%
CMY	0.3216, 0.0745, 0.3921
CMYK	0.27, 0.00, 0.34, 0.07
HSL	107°, 68%, 77%
HSV	107°, 34%, 93%
XYZ	53.1454, 71.2417, 41.9603
YIQ	207.9290, -11.5470, -38.5470

Conversions

Conversions Part 2

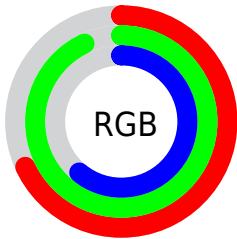
Format	Color
RYB	155, 236, 218
Decimal	11398299
CIELab	87.60, -34.64, 33.08
CIElCh	88, 47.901, 136.319
Yxy	71.2417, 0.3195, 0.4283
Android (android.graphics.Color)	4289588379 (0xFFADEC9B)
YUV	207.9290, -26.0940, -30.6327
Hunter-Lab	84.4048, -35.3160, 29.6084

Details

The XYZ color **53.1454, 71.2417, 41.9603** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **55.7783, 44.4064, 84.9922**, and the grayscale version is **60.0789, 63.2077, 68.8332**.

A 20% lighter version of the original color is **80.0260, 92.9961, 74.7050**, and **26.3772, 37.5437, 18.6884** is the 20% darker color. If you saturate the color by 10%, you get **47.5703, 68.5768, 32.3453**, and if you desaturate by 10%, it is **59.6693, 74.3552, 53.6446**.

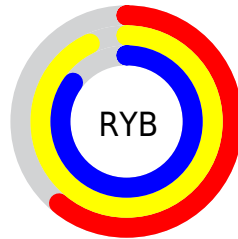
Distribution



Red (68%)

Green (93%)

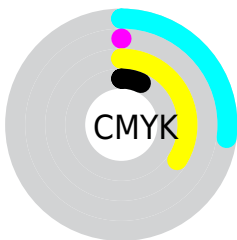
Blue (61%)



Red (61%)

Yellow (93%)

Blue (85%)

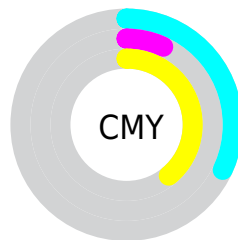


Cyan (27%)

Magenta (0%)

Yellow (34%)

Black (7%)



Cyan (32%)

Magenta (7%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1454, 71.2417, 41.9603 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 53.1454, 71.2417, 41.9603 by changing the saturation by 10% instead.


 53.1454, 71.2417,
41.9603


 53.1454, 71.2417,
41.9603


389.0944,
464.8979, 370.1131

 38.1468, 52.5395,
28.7449

 93.9826, 120.9778,
79.4090

 26.2744, 37.4353,
18.6440


 120.5518,
152.7805, 104.4793

 17.1628, 25.5447,
11.2391


151.7087,
189.7188, 134.3383

 10.4466, 16.4833,
6.1117

187.8185,
232.1770, 169.4046

 5.7606, 9.8668,
2.8432

229.2466,
280.5397, 210.0967

 2.7393, 5.3107,
1.0152


276.3584,


 1.0175, 2.4307,


335.1911, 256.8331


0.0000


329.5193,
396.5157, 310.0324


 0.0000, 0.8416,
0.0000


 0.0000, 0.0000,
0.0000

 53.1454, 71.2417,
41.9603


 53.1454, 71.2417,
41.9603

 47.5703, 68.5768,
32.3453


 59.6693, 74.3552,
53.6446


 42.8932, 66.3306,
24.6744

 67.1786, 77.9274,
67.5043

 39.0668, 64.4838,
18.8164

 75.7148, 81.9796,
83.6436

 36.0370, 63.0115,
14.6218

 85.3150, 86.5288,
102.1588

■ 33.7428, 61.8863,
11.9171

■ 89.2869, 88.4738,
106.9790

■ 32.1132, 61.0761,
10.4907

■ 31.4358, 60.7356,
10.0663

Harmonies

Analogous

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



61.7730, 71.2417, 31.7707



53.1454, 71.2417, 41.9603



48.6712, 71.2417, 63.7270

Triad

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



53.1454, 71.2417, 41.9603



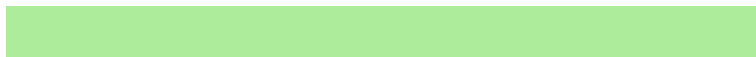
62.6892, 71.2417, 155.3756



90.8519, 71.2417, 61.3230

Complementary

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



53.1454, 71.2417, 41.9603



55.7783, 44.4064, 84.9922

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.



91.1682, 71.2417, 93.2853



53.1454, 71.2417, 41.9603



74.0223, 71.2417, 154.1967

Square

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



53.1454, 71.2417, 41.9603



53.7514, 71.2417, 132.0199



84.7257, 71.2417, 129.1443



83.9045, 71.2417, 40.6256

Rectangle

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



53.1454, 71.2417, 41.9603



48.2824, 71.2417, 84.6438



84.7257, 71.2417, 129.1443



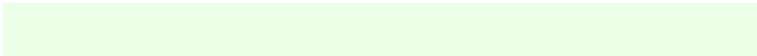
91.7618, 71.2417, 70.9019

Sweetspot

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



53.1472, 71.2448, 41.9619



84.2886, 94.8955, 88.3695



65.3501, 69.8799, 41.0553



17.7392, 20.1682, 18.3456



0.0000, 0.0000, 0.0000



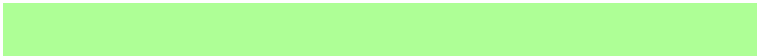
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1472, 71.2448, 41.9619



58.6857, 82.6985, 41.9139



51.4112, 70.1211, 52.2129



15.1813, 17.0235, 16.0044



17.4180, 33.5238, 5.5527



1.4485, 2.6741, 0.4398

Inverse Universe

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



55.7783, 44.4064, 84.9922



62.2323, 46.2939, 100.2634



58.5048, 46.1529, 69.7143



15.3684, 15.1352, 19.0336



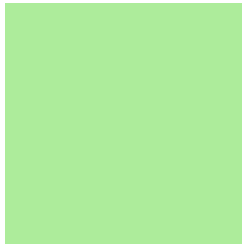
19.2999, 8.9854, 44.4601



1.5960, 0.7471, 3.4950

Previews

White Background



This preview shows how the XYZ color 53.1454, 71.2417, 41.9603 looks on a white background.

Color Contrast Check

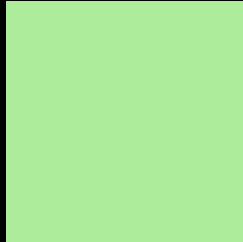
Large Text (above 18pt) WCAG AA × Fail

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 53.1454, 71.2417, 41.9603 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 53.1454, 71.2417, 41.9603

Background



This preview shows how black text looks on a background with the XYZ color 53.1454, 71.2417, 41.9603.



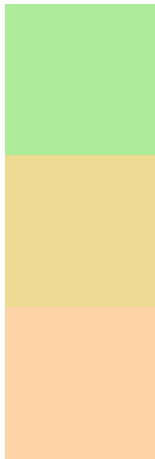
This preview shows how white text looks on a background with the XYZ color 53.1454, 71.2417,

41.9603.

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

53.1454, 71.2417, 41.9603

Protanopia

65.6019, 70.8057, 38.2262

Deuteranopia

71.6021, 70.6757, 46.9137



Tritanopia

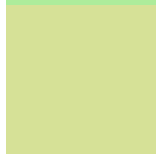
63.8419, 71.0129, 95.1360

Trichromacy



Original Color

53.1454, 71.2417, 41.9603



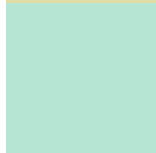
Protanomaly

60.2427, 70.3809, 39.6879



Deuteranomaly

63.2554, 69.8383, 44.7966



Tritanomaly

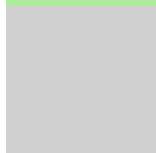
59.3056, 70.8091, 72.1698

Monochromacy



Original Color

53.1454, 71.2417, 41.9603



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.7624, 65.4190, 57.7796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1454, 71.2417, 41.9603 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, 236, 155)` looks like.

```
.text, #text, p{  
    color:rgb(173, 236, 155)  
}
```

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, 236, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 236, 155) }
```

Border

The CSS property to change the border of an element to XYZ 53.1454, 71.2417, 41.9603 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, 236, 155) }
```


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

```
.border{ border-color:rgb(173, 236, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 236, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 236, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 236, 155);  
box-shadow:4px 4px 4px 4px rgb(173, 236,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1454, 71.2417, 41.9603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 236, 155) }
```

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

```
.background{ background-color: rgb(173,  
236, 155) }
```

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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