

Converting Colors

XYZ(50.3207, 71.4865, 41.3262)

Have a look what the booklet for
XYZ(50.3207, 71.4865, 41.3262)
contains.

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Color

**XYZ(50.4274, 71.5886,
41.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	9BF099
RGB	155, 240, 153
RGB Percent	61%, 94%, 60%
CMY	0.3922, 0.0588, 0.4000
CMYK	0.35, 0.00, 0.36, 0.06
HSL	119°, 74%, 77%
HSV	119°, 36%, 94%
XYZ	50.4274, 71.5886, 41.2972
YIQ	204.6670, -22.7330, -45.0770

Conversions

Conversions Part 2

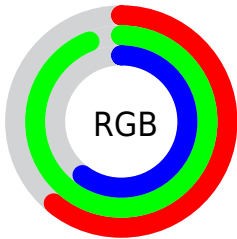
Format	Color
RYB	153, 240, 238
Decimal	10219673
CIELab	87.77, -42.51, 34.14
CIELCh	88, 54.524, 141.231
Yxy	71.5886, 0.3088, 0.4384
Android (android.graphics.Color)	4288409753 (0xFF9BF099)
YUV	204.6670, -25.4718, -43.5580
Hunter-Lab	84.6100, -41.6820, 30.2883

Details

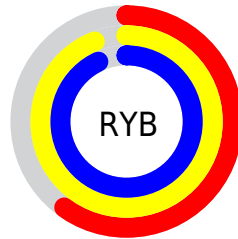
The XYZ color **50.4274, 71.5886, 41.2972** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **62.3826, 47.2531, 88.2746**, and the grayscale version is **57.9852, 61.0050, 66.4344**.

A 20% lighter version of the original color is **74.2965, 90.0711, 73.1441**, and **24.5380, 37.5159, 18.2599** is the 20% darker color. If you saturate the color by 10%, you get **44.5698, 68.7775, 31.6959**, and if you desaturate by 10%, it is **57.5612, 75.0157, 53.0423**.

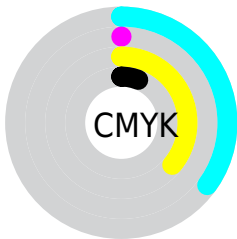
Distribution



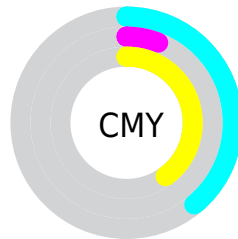
- Red (61%)
- Green (94%)
- Blue (60%)



- Red (60%)
- Yellow (94%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)




- Cyan (39%)
- Magenta (6%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4274, 71.5886, 41.2972 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 50.4274, 71.5886, 41.2972 by changing the saturation by 10% instead.


 50.4274, 71.5886,
41.2972


 50.4274, 71.5886,
41.2972


378.7594,
466.1084, 367.2746

 35.9723, 52.8227,
28.2299


 89.9958, 121.4714,
78.3934

 24.5828, 37.6612,
18.2585


 115.8399,
153.3572, 103.2594

 15.8936, 25.7199,
10.9644


146.2110,
190.3849, 132.8955

 9.5393, 16.6142,
5.9290

181.4745,
232.9391, 167.7201

 5.1545, 9.9598,
2.7339

221.9957,
281.4042, 208.1517

 2.3739, 5.3723,
0.9604


268.1400,

 0.8321, 2.4673,


336.1645, 254.6090


0.0000


320.2728,
397.6044, 307.5104


 0.0000, 0.8602,
0.0000


 0.0000, 0.0000,
0.0000


 50.4274, 71.5886,
41.2972


 50.4274, 71.5886,
41.2972

 44.5698, 68.7775,
31.6959


 57.5612, 75.0157,
53.0423


 39.9082, 66.5375,
24.1047

 66.0344, 79.0827,
67.0446

 36.3616, 64.8322,
18.3822

 75.9128, 83.8231,
83.4155

 33.8371, 63.6170,
14.3669

 87.2560, 89.2654,
102.2573

■ 32.2263, 62.8402,
11.8697

■ 90.4515, 90.8030,
107.3672

■ 31.3967, 62.4385,
10.6555

■ 31.2305, 62.3585,
10.3904

Harmonies

Analogous

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



59.4239, 71.5886, 28.6035



50.4274, 71.5886, 41.2972



46.2941, 71.5886, 67.5800

Triad

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



50.4274, 71.5886, 41.2972



64.3192, 71.5886, 171.7218



93.9728, 71.5886, 54.8846

Complementary

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



50.4274, 71.5886, 41.2972



62.3826, 47.2531, 88.2746

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.



95.7171, 71.5886, 89.3252



50.4274, 71.5886, 41.2972



77.4573, 71.5886, 165.0321

Square

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



50.4274, 71.5886, 41.2972



53.6203, 71.5886, 147.7583



89.3461, 71.5886, 131.6301



84.8441, 71.5886, 34.5415

Rectangle

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



50.4274, 71.5886, 41.2972



46.4378, 71.5886, 92.6672



89.3461, 71.5886, 131.6301



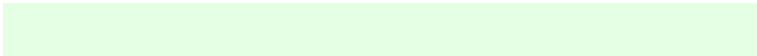
95.4843, 71.5886, 64.8760

Sweetspot

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



50.4292, 71.5916, 41.2988



81.4846, 93.4910, 86.3877



72.0013, 81.4551, 42.0657



17.1133, 19.8536, 17.9475



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.



50.4292, 71.5916, 41.2988



52.4464, 79.5512, 38.4979



53.9920, 72.9728, 62.0453



15.5995, 17.6737, 16.7389



17.1103, 34.1422, 5.6883



1.4352, 2.8464, 0.4738

Inverse Universe

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



62.3826, 47.2531, 88.2746



68.1407, 47.5794, 100.2001



57.6842, 45.4517, 60.0117



16.4163, 16.0118, 19.9470



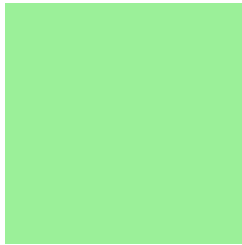
27.2889, 13.0733, 46.2130



2.2815, 1.0934, 3.8450

Previews

White Background



This preview shows how the XYZ color 50.4274, 71.5886, 41.2972 looks on a white background.

Color Contrast Check

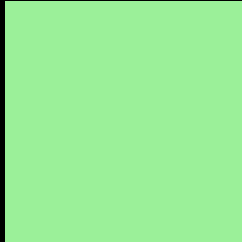
Large Text (above 18pt) WCAG AA × Fail

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 50.4274, 71.5886, 41.2972 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 50.4274, 71.5886, 41.2972

Background



This preview shows how black text looks on a background with the XYZ color 50.4274, 71.5886, 41.2972.



This preview shows how white text looks on a background with the XYZ color 50.4274, 71.5886,

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

50.4274, 71.5886, 41.2972

Protanopia

65.6255, 70.8538, 36.6029

Deuteranopia

71.6021, 70.6757, 46.9137



Tritanopia

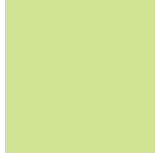
62.0414, 71.6383, 98.5533

Trichromacy



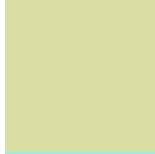
Original Color

50.4274, 71.5886, 41.2972



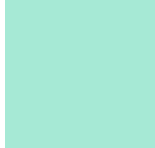
Protanomaly

58.7480, 70.4547, 38.1065



Deuteranomaly

61.9456, 69.9470, 44.8866



Tritanomaly

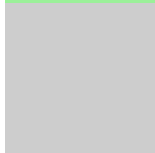
56.8750, 71.1889, 73.6940

Monochromacy



Original Color

50.4274, 71.5886, 41.2972



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.4278, 64.2528, 55.9877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4274, 71.5886, 41.2972 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(155, 240, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 240, 153)  
}
```

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(155, 240, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 240, 153) }
```

Border

The CSS property to change the border of an element to XYZ 50.4274, 71.5886, 41.2972 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(155, 240, 153) }
```


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

```
.border{ border-color:rgb(155, 240, 153) }
```

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

Here you see how a box with a 4 pixel rgb(155, 240, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 240, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 240, 153);  
box-shadow:4px 4px 4px 4px rgb(155, 240,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4274, 71.5886, 41.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 240, 153) }
```

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

```
.background{ background-color: rgb(155,  
240, 153) }
```

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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