

Converting Colors

XYZ(57.4889, 70.5473, 41.5973)

Have a look what the booklet for
XYZ(57.4889, 70.5473, 41.5973)
contains.

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Color

**XYZ(57.4889, 70.5473,
41.5973)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E59B
RGB	199, 229, 155
RGB Percent	78%, 90%, 61%
CMY	0.2196, 0.1019, 0.3921
CMYK	0.13, 0.00, 0.32, 0.10
HSL	84°, 59%, 75%
HSV	84°, 32%, 90%
XYZ	57.4889, 70.5473, 41.5973
YIQ	211.5940, 5.8740, -29.3740

Conversions

Conversions Part 2

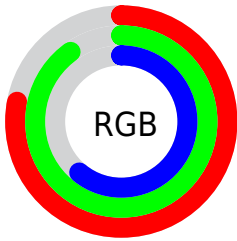
Format	Color
RYB	155, 229, 185
Decimal	13100443
CIELab	87.26, -22.26, 32.92
CIElCh	87, 39.739, 124.062
Yxy	70.5473, 0.3389, 0.4159
Android (android.graphics.Color)	4291290523 (0xFFC7E59B)
YUV	211.5940, -27.9008, -11.0449
Hunter-Lab	83.9924, -24.8119, 29.4313

Details

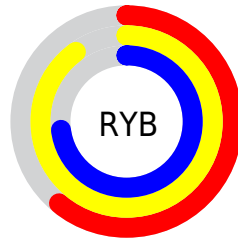
The XYZ color **57.4889, 70.5473, 41.5973** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **45.8746, 39.4160, 79.3229**, and the grayscale version is **62.4879, 65.7421, 71.5932**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **28.8934, 36.7957, 18.4114** is the 20% darker color. If you saturate the color by 10%, you get **53.3568, 68.6208, 32.2992**, and if you desaturate by 10%, it is **62.1397, 72.7034, 52.8263**.

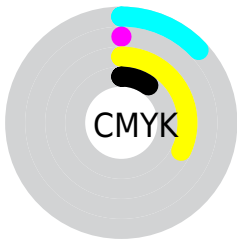
Distribution



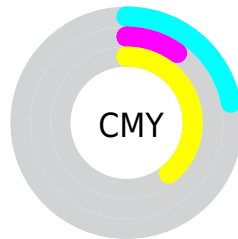
- Red (78%)
- Green (90%)
- Blue (61%)



- Red (61%)
- Yellow (90%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)





- Cyan (22%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4889, 70.5473, 41.5973 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 57.4889, 70.5473, 41.5973 by changing the saturation by 10% instead.


 57.4889, 70.5473,
41.5973

 57.4889, 70.5473,
41.5973


405.2634,
462.4693, 368.5612

 41.6396, 51.9728,
28.4629


 100.3055,
119.9889, 78.8533

 29.0090, 36.9834,
18.4328


 128.0034,
151.6249, 103.8119

 19.2320, 25.1947,
11.0885


160.3815,
188.3834, 133.5491

 11.9430, 16.2221,
6.0115

197.8053,
230.6490, 168.4833

 6.7768, 9.6815,
2.7832

240.6400,
278.8060, 209.0330

 3.3680, 5.1883,
0.9850

289.2510,

 1.3512, 2.3582,

333.2388, 255.6169

0.0000

344.0037,
394.3318, 308.6534

■ 0.2211, 0.8042,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4889, 70.5473,
41.5973

■ 57.4889, 70.5473,
41.5973

■ 53.3568, 68.6208,
32.2992

■ 62.1397, 72.7034,
52.8263

■ 49.7147, 66.9051,
24.8186

■ 67.3255, 75.0887,
66.0822

■ 46.5389, 65.3926,
19.0369

■ 73.0683, 77.7148,
81.4599

■ 43.8011, 64.0717,
14.8200

■ 79.3872, 80.5896,
99.0471

■ 41.4691, 62.9292,
12.0132

■ 83.8758, 82.7508,
106.1595

■ 39.5047, 61.9495,
10.4306

■ 87.2046, 84.4668,
106.3153

■ 38.1992, 61.2888,
9.8166

■ 87.3108, 84.5216,
106.3203

Harmonies

Analogous

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



65.7890, 70.5473, 36.0837



57.4889, 70.5473, 41.5973



52.1648, 70.5473, 56.4415

Triad

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



57.4889, 70.5473, 41.5973



59.5004, 70.5473, 132.9719



86.6100, 70.5473, 73.2281

Complementary

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



57.4889, 70.5473, 41.5973



45.8746, 39.4160, 79.3229

Split Complementary

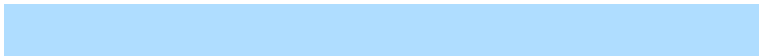
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5347, 70.5473, 101.5793



57.4889, 70.5473, 41.5973



68.3332, 70.5473, 140.3892

Square

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



57.4889, 70.5473, 41.5973



53.2482, 70.5473, 109.3729



77.6232, 70.5473, 127.7883



83.0588, 70.5473, 51.4576

Rectangle

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



57.4889, 70.5473, 41.5973



50.7294, 70.5473, 71.6148



77.6232, 70.5473, 127.7883



86.5493, 70.5473, 82.2590

Sweetspot

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



57.4907, 70.5504, 41.5988



87.5108, 96.5567, 88.5203



55.4975, 53.5578, 38.4240



18.5167, 20.5689, 18.3820



0.0000, 0.0000, 0.0000



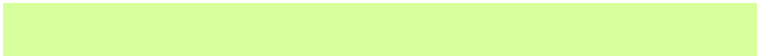
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4907, 70.5504, 41.5988



69.6525, 88.3034, 44.6263



48.9196, 66.1318, 41.1977



15.0068, 16.5106, 15.3004



21.9790, 35.1121, 5.6189



1.7287, 2.6485, 0.4201

Inverse Universe

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



45.8746, 39.4160, 79.3229



52.5949, 42.5648, 100.0515



55.8687, 44.5682, 79.7906



14.1333, 14.1710, 18.1347



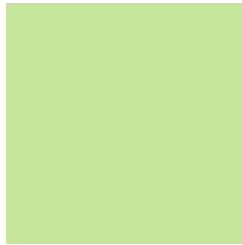
10.7866, 4.6266, 42.7077



0.9000, 0.3950, 3.1608

Previews

White Background



This preview shows how the XYZ color 57.4889, 70.5473, 41.5973 looks on a white background.

Color Contrast Check

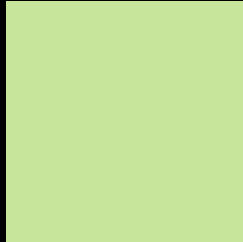
Large Text (above 18pt) WCAG AA × Fail

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 57.4889, 70.5473, 41.5973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

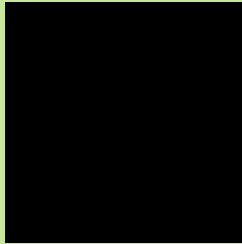
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4889, 70.5473, 41.5973

Background



This preview shows how black text looks on a background with the XYZ color 57.4889, 70.5473, 41.5973.



This preview shows how white text looks on a background with the XYZ color 57.4889, 70.5473,

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

57.4889, 70.5473, 41.5973

Protanopia

65.1685, 70.1777, 38.9651

Deuteranopia

71.1695, 70.1064, 45.8572



Tritanopia

67.0502, 70.4208, 89.4155

Trichromacy



Original Color

57.4889, 70.5473, 41.5973

Protanomaly

62.2202, 70.1975, 39.9759

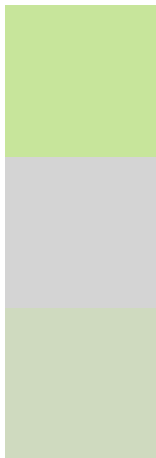
Deuteranomaly

65.5954, 69.8965, 44.2165

Tritanomaly

63.1038, 70.4022, 69.2945

Monochromacy



Original Color

57.4889, 70.5473, 41.5973

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.2075, 67.1698, 59.0820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4889, 70.5473, 41.5973 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(199, 229, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 229, 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(199, 229, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 229, 155) }
```

Border

The CSS property to change the border of an element to XYZ 57.4889, 70.5473, 41.5973 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(199, 229, 155) }
```


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

```
.border{ border-color:rgb(199, 229, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 229, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 229, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 229, 155); box-shadow:4px 4px 4px 4px rgb(199, 229, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4889, 70.5473, 41.5973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 229, 155) }
```

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

```
.background{ background-color: rgb(199,  
229, 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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