

Converting Colors

XYZ(57.0597, 71.2514, 42.8084)

Have a look what the booklet for
XYZ(57.0597, 71.2514, 42.8084)
contains.

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Color

**XYZ(56.9099, 71.0555,
42.6139)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C2E79D |
| RGB | 194, 231, 157 |
| RGB Percent | 76%, 91%, 62% |
| CMY | 0.2392, 0.0941, 0.3843 |
| CMYK | 0.16, 0.00, 0.32, 0.09 |
| HSL | 90°, 61%, 76% |
| HSV | 90°, 32%, 91% |
| XYZ | 56.9099, 71.0555, 42.6139 |
| YIQ | 211.5010, 1.7020, -30.8580 |

Conversions

Conversions Part 2

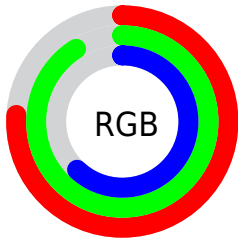
| Format | Color |
|-------------------------------------|--|
| RYB | 157, 231, 194 |
| Decimal | 12773277 |
| CIELab | 87.51, -24.75, 32.17 |
| CIELCh | 88, 40.591, 127.566 |
| Yxy | 71.0555, 0.3336, 0.4166 |
| Android (android.graphics.Color) | 4290963357 (0xFFC2E79D) |
| YUV | 211.5010, -26.8690, -15.3484 |
| Hunter-Lab | 84.2944, -27.0041, 29.0328 |

Details

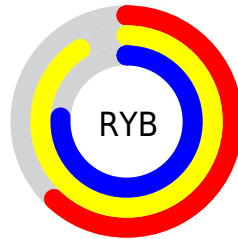
The XYZ color **56.9099, 71.0555, 42.6139** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **48.7318, 41.3548, 81.0190**, and the grayscale version is **62.4215, 65.6723, 71.5172**.

A 20% lighter version of the original color is **87.4273, 96.7827, 76.3604**, and **28.5272, 37.1688, 19.0354** is the 20% darker color. If you saturate the color by 10%, you get **52.2714, 68.8732, 33.0572**, and if you desaturate by 10%, it is **62.1555, 73.5120, 54.1483**.

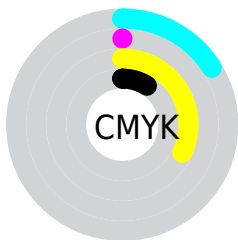
Distribution



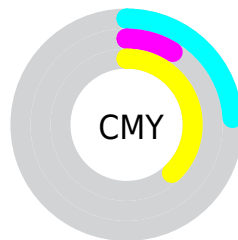
- Red (76%)
- Green (91%)
- Blue (62%)



- Red (62%)
- Yellow (91%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (32%)
- Black (9%)





- Cyan (24%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9099, 71.0555, 42.6139 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 56.9099, 71.0555, 42.6139 by changing the saturation by 10% instead.


 56.9099, 71.0555,
42.6139


 56.9099, 71.0555,
42.6139


403.1313,
464.2474, 372.8960

 41.1728, 52.3875,
29.2531


 99.4658, 120.7127,
80.4080

 28.6424, 37.3140,
19.0252


 127.0153,
152.4708, 105.6784

 18.9534, 25.4507,
11.5115


159.2330,
189.3609, 135.7558

 11.7404, 16.4132,
6.2935

196.4842,
231.7676, 171.0586

 6.6381, 9.8170,
2.9527

239.1342,
280.0752, 212.0056

 3.2811, 5.2778,
1.0705


287.5485,

 1.3041, 2.4112,


334.6681, 259.0151


0.0000


342.0924,
395.9307, 312.5057


 0.1863, 0.8316,
0.0000


 0.0000, 0.0000,
0.0000


 56.9099, 71.0555,
42.6139


 56.9099, 71.0555,
42.6139


 52.2714, 68.8732,
33.0572


 62.1555, 73.5120,
54.1483


 48.2081, 66.9446,
25.3624

 68.0271, 76.2438,
67.7582

 44.6935, 65.2609,
19.4087

 74.5495, 79.2637,
83.5406

 41.6958, 63.8087,
15.0592

 81.7444, 82.5809,
101.5849

■ 39.1795, 62.5731,
12.1567

■ 86.6842, 85.0248,
106.4504

■ 37.1026, 61.5367,
10.5118

■ 87.8674, 85.6348,
106.5058

■ 35.7126, 60.8331,
9.8597

Harmonies

Analogous

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



65.1380, 71.0555, 35.9489



56.9099, 71.0555, 42.6139



51.8910, 71.0555, 58.9199

Triad

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



56.9099, 71.0555, 42.6139



60.7433, 71.0555, 137.1392



87.5057, 71.0555, 70.6224

Complementary

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



56.9099, 71.0555, 42.6139



48.7318, 41.3548, 81.0190

Split Complementary

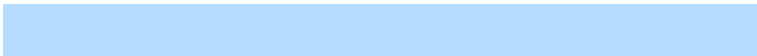
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0468, 71.0555, 99.3118



56.9099, 71.0555, 42.6139



69.9924, 71.0555, 142.3828

Square

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



56.9099, 71.0555, 42.6139



53.9538, 71.0555, 114.2215



79.4090, 71.0555, 127.2082



83.2257, 71.0555, 49.4392

Rectangle

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



56.9099, 71.0555, 42.6139



50.7433, 71.0555, 75.1473



79.4090, 71.0555, 127.2082



87.6768, 71.0555, 79.6307

Sweetspot

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



56.9117, 71.0586, 42.6154



86.6763, 96.1264, 88.4812



58.3353, 58.0095, 40.0217



18.3147, 20.4648, 18.3725



0.0000, 0.0000, 0.0000



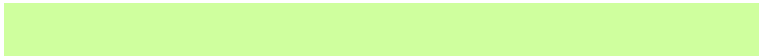
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9117, 71.0586, 42.6154



67.5456, 87.1922, 45.6626



48.5685, 66.7575, 42.2250



14.8724, 16.4413, 15.2941



20.1632, 34.1760, 5.5339



1.5971, 2.5807, 0.4140

Inverse Universe

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



48.7318, 41.3548, 81.0190



55.9016, 44.9091, 100.3297



59.4386, 46.8743, 81.5201



14.2661, 14.2394, 18.1409



12.2308, 5.3711, 42.7753



1.0109, 0.4521, 3.1660

Previews

White Background



This preview shows how the XYZ color 56.9099, 71.0555, 42.6139 looks on a white background.

Color Contrast Check

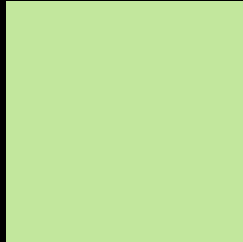
Large Text (above 18pt) WCAG AA × Fail

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 56.9099, 71.0555, 42.6139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

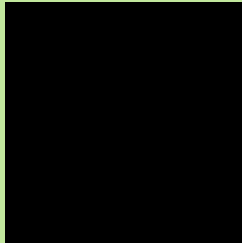
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9099, 71.0555, 42.6139

Background



This preview shows how black text looks on a background with the XYZ color 56.9099, 71.0555, 42.6139.

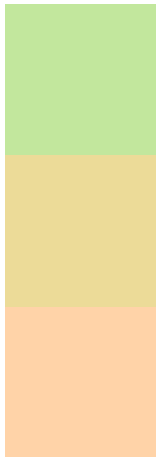


This preview shows how white text looks on a background with the XYZ color 56.9099, 71.0555,

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

56.9099, 71.0555, 42.6139

Protanopia

65.5911, 70.7629, 39.9073

Deuteranopia

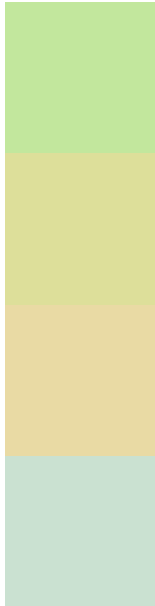
71.6021, 70.6757, 46.9137



Tritanopia

66.7427, 71.0078, 91.0771

Trichromacy



Original Color

56.9099, 71.0555, 42.6139

Protanomaly

62.0392, 70.4806, 40.9062

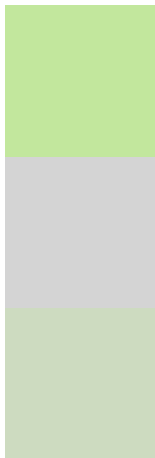
Deuteranomaly

65.3765, 70.1468, 45.2159

Tritanomaly

62.7910, 71.0104, 70.7185

Monochromacy



Original Color

56.9099, 71.0555, 42.6139

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.0228, 67.4479, 59.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9099, 71.0555, 42.6139 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(194, 231, 157)` looks like.

```
.text, #text, p{  
    color:rgb(194, 231, 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(194, 231, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 231, 157) }
```

Border

The CSS property to change the border of an element to XYZ 56.9099, 71.0555, 42.6139 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(194, 231, 157) }
```


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

```
.border{ border-color:rgb(194, 231, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 231, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 231, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 231, 157);  
box-shadow:4px 4px 4px 4px rgb(194, 231,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9099, 71.0555, 42.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 231, 157) }
```

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

```
.background{ background-color: rgb(194,  
231, 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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