

Converting Colors

XYZ(63.9044, 73.5122, 55.2811)

Have a look what the booklet for
XYZ(63.9044, 73.5122, 55.2811)
contains.

XYZ(63.9034, 73.5622, 55.0868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9034, 73.5622,
55.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E5B6
RGB	213, 229, 182
RGB Percent	84%, 90%, 71%
CMY	0.1647, 0.1019, 0.2863
CMYK	0.07, 0.00, 0.21, 0.10
HSL	80°, 47%, 81%
HSV	80°, 21%, 90%
XYZ	63.9034, 73.5622, 55.0868
YIQ	218.8580, 5.5510, -18.0090

Conversions

Conversions Part 2

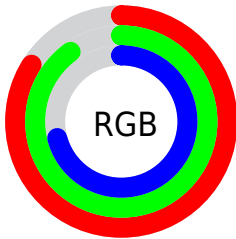
Format	Color
RYB	182, 229, 198
Decimal	14017974
CIELab	88.72, -13.33, 21.18
CIELCh	89, 25.026, 122.194
Yxy	73.5622, 0.3319, 0.3820
Android (android.graphics.Color)	4292208054 (0xFFD5E5B6)
YUV	218.8580, -18.1710, -5.1375
Hunter-Lab	85.7684, -17.0999, 21.9575

Details

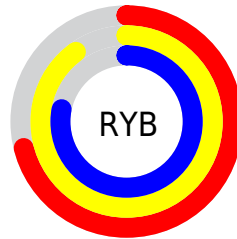
The XYZ color **63.9034, 73.5622, 55.0868** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.1624, 51.1208, 81.1454**, and the grayscale version is **67.3545, 70.8622, 77.1689**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **33.1991, 39.1262, 26.5712** is the 20% darker color. If you saturate the color by 10%, you get **59.5206, 71.5565, 43.5217**, and if you desaturate by 10%, it is **68.7860, 75.7853, 68.6985**.

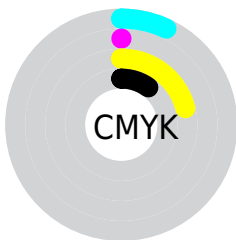
Distribution



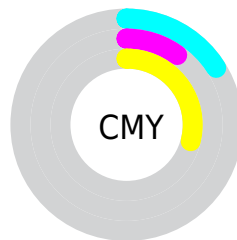
- Red (84%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)





- Cyan (16%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9034, 73.5622, 55.0868 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 63.9034, 73.5622, 55.0868 by changing the saturation by 10% instead.


 63.9034, 73.5622,
55.0868

 63.9034, 73.5622,
55.0868

428.4485,
472.9610, 423.5321

 46.8338, 54.4358,
39.0722

 109.5463,
124.2750, 99.1405

 33.1117, 38.9502,
26.5076


138.8504,
156.6302, 128.0167

 22.3717, 26.7210,
16.9746


172.9633,
194.1637, 162.0172

 14.2484, 17.3638,
10.0546

212.2505,
237.2601, 201.5604

 8.3765, 10.4942,
5.3291

257.0772,
286.3036, 247.0650

 4.3906, 5.7278,
2.3795

307.8089,

 1.9254, 2.6803,

341.6786, 298.9494

0.7753

364.8108,
403.7696, 357.6323

■ 0.5915, 0.9672,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9034, 73.5622,
55.0868

■ 63.9034, 73.5622,
55.0868

■ 59.5206, 71.5565,
43.5217

■ 68.7860, 75.7853,
68.6985

■ 55.6113, 69.7501,
33.8995

■ 74.1815, 78.2238,
84.4444

■ 52.1558, 68.1374,
26.1145

■ 80.1097, 80.8884,
102.4128

■ 49.1300, 66.7087,
20.0489

■ 83.4455, 82.5291,
106.1394

■ 46.5073, 65.4531,
15.5715

■ 86.2118, 83.9551,
106.2688

■ 44.2578, 64.3583,
12.5321

■ 87.3108, 84.5217,
106.3203

■ 42.3455, 63.4099,
10.7514

■ 40.7887, 62.6238,
9.9378

Harmonies

Analogous

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



69.4743, 73.5622, 51.2103



63.9034, 73.5622, 55.0868



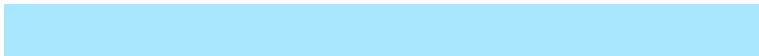
60.1276, 73.5622, 65.5422

Triad

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



63.9034, 73.5622, 55.0868



64.6325, 73.5622, 113.3192



82.1963, 73.5622, 78.8282

Complementary

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



63.9034, 73.5622, 55.0868



54.1624, 51.1208, 81.1454

Split Complementary

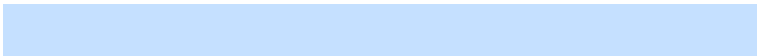
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7189, 73.5622, 96.6607



63.9034, 73.5622, 55.0868



70.3649, 73.5622, 118.2039

Square

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



63.9034, 73.5622, 55.0868



60.5311, 73.5622, 99.1860



76.3000, 73.5622, 111.7196



80.2298, 73.5622, 63.6287

Rectangle

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



63.9034, 73.5622, 55.0868



59.0175, 73.5622, 75.6575



76.3000, 73.5622, 111.7196



82.0858, 73.5622, 84.7063

Sweetspot

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



63.9053, 73.5654, 55.0884



90.7929, 98.0787, 96.3504



60.8773, 60.2738, 52.6824



19.3374, 20.9495, 20.3437



0.0000, 0.0000, 0.0000



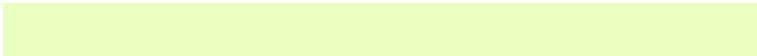
20.3446, 21.4041, 23.3091

Same Dimension

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



63.9053, 73.5654, 55.0884



78.8915, 92.6656, 63.1628



57.6588, 70.3452, 54.7960



15.1000, 16.5586, 15.3047



23.4534, 35.8721, 5.6879



1.8315, 2.7016, 0.4249

Inverse Universe

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



54.1624, 51.1208, 81.1454



64.1635, 58.7304, 102.5621



60.7430, 54.5132, 81.4534



14.0431, 14.1245, 18.1305



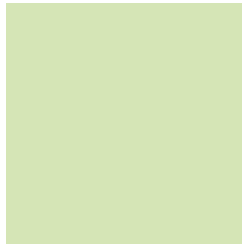
9.9971, 4.2196, 42.6707



0.8353, 0.3616, 3.1577

Previews

White Background



This preview shows how the XYZ color 63.9034, 73.5622, 55.0868 looks on a white background.

Color Contrast Check

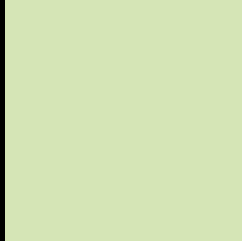
Large Text (above 18pt) WCAG AA × Fail

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 63.9034, 73.5622, 55.0868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

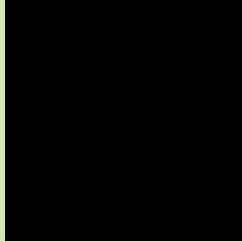
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

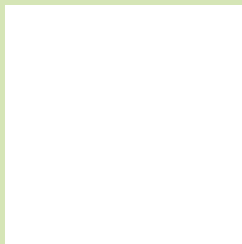
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9034, 73.5622, 55.0868

Background



This preview shows how black text looks on a background with the XYZ color 63.9034, 73.5622, 55.0868.



This preview shows how white text looks on a background with the XYZ color 63.9034, 73.5622, 55.0868.

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

63.9034, 73.5622, 55.0868

Protanopia

68.8500, 73.3301, 53.1732

Deuteranopia

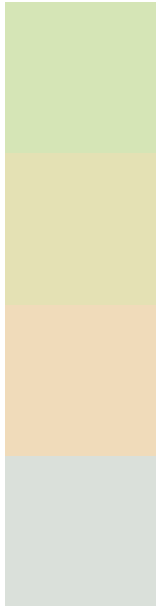
74.3637, 72.9840, 57.7449



Tritanopia

71.2552, 73.3170, 92.0574

Trichromacy



Original Color

63.9034, 73.5622, 55.0868

Protanomaly

67.1583, 73.6397, 53.8543

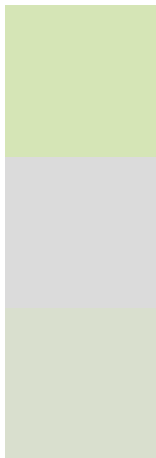
Deuteranomaly

70.1296, 72.7335, 56.7971

Tritanomaly

68.2240, 73.2787, 76.8781

Monochromacy



Original Color

63.9034, 73.5622, 55.0868

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.1435, 71.9833, 68.8005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9034, 73.5622, 55.0868 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(213, 229, 182)` looks like.

```
.text, #text, p{  
    color:rgb(213, 229, 182)  
}
```

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(213, 229, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 229, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.9034, 73.5622, 55.0868 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(213, 229, 182) }
```


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

```
.border{ border-color:rgb(213, 229, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 229, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 229, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 229, 182); box-shadow:4px 4px 4px 4px rgb(213, 229, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9034, 73.5622, 55.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 229, 182) }
```

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

```
.background{ background-color: rgb(213,  
229, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor