

Converting Colors

XYZ(55.0993, 66.5546, 38.3761)

Have a look what the booklet for
XYZ(55.0993, 66.5546, 38.3761)
contains.

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Color

**XYZ(55.0993, 66.5546,
38.3761)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DE95
RGB	199, 222, 149
RGB Percent	78%, 87%, 58%
CMY	0.2196, 0.1294, 0.4157
CMYK	0.10, 0.00, 0.33, 0.13
HSL	79°, 53%, 73%
HSV	79°, 33%, 87%
XYZ	55.0993, 66.5546, 38.3761
YIQ	206.8010, 9.7250, -27.5790

Conversions

Conversions Part 2

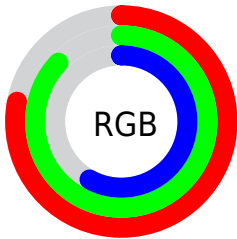
Format	Color
RYB	149, 222, 172
Decimal	13098645
CIELab	85.28, -19.64, 33.34
CIELCh	85, 38.697, 120.497
Yxy	66.5546, 0.3443, 0.4159
Android (android.graphics.Color)	4291288725 (0xFFC7DE95)
YUV	206.8010, -28.4959, -6.8415
Hunter-Lab	81.5810, -22.2090, 29.2164

Details

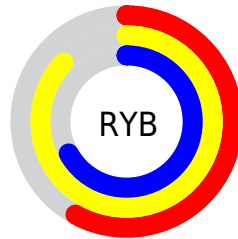
The XYZ color **55.0993, 66.5546, 38.3761** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9482, 35.5413, 73.8129**, and the grayscale version is **59.3548, 62.4459, 68.0035**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **27.4780, 34.4298, 16.5066** is the 20% darker color. If you saturate the color by 10%, you get **51.6799, 64.9796, 29.8295**, and if you desaturate by 10%, it is **58.9453, 68.3147, 48.7089**.

Distribution



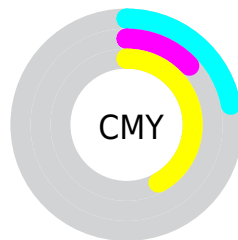
- Red (78%)
- Green (87%)
- Blue (58%)



- Red (58%)
- Yellow (87%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (13%)





- Cyan (22%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0993, 66.5546, 38.3761 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 55.0993, 66.5546, 38.3761 by changing the saturation by 10% instead.


 55.0993, 66.5546,
38.3761


 55.0993, 66.5546,
38.3761


396.4185,
448.3577, 354.5770

 39.7154, 48.7228,
25.9706


 96.8339, 114.2820,
73.8940

 27.4999, 34.3996,
16.5761

 123.9153,
144.9463, 97.8436

 18.0876, 23.2008,
9.7740


155.6266,
180.6569, 126.4782

 11.1129, 14.7418,
5.1457

192.3331,
221.7981, 160.2166

 6.2107, 8.6384,
2.2728

234.4002,
268.7544, 199.4770

 3.0155, 4.5061,
0.7159


282.1932,


 1.1620, 1.9605,


321.9102, 244.6783


0.0000


336.0775,
381.6498, 296.2387


 0.0760, 0.5844,
0.0000


 0.0000, 0.0000,
0.0000


 55.0993, 66.5546,
38.3761


 55.0993, 66.5546,
38.3761


 51.6799, 64.9796,
29.8295


 58.9453, 68.3147,
48.7089


 48.6617, 63.5725,
22.9634

 63.2317, 70.2586,
60.9170

 46.0240, 62.3272,
17.6675

 67.9778, 72.3966,
75.0887

 43.7418, 61.2336,
13.8166

 73.2001, 74.7352,
91.3057

■ 41.7867, 60.2800,
11.2665

■ 78.0978, 76.9544,
105.3452

■ 40.1242, 59.4528,
9.8432

■ 80.4401, 78.1619,
105.4548

■ 39.0802, 58.9252,
9.3140

■ 82.8741, 79.4167,
105.5688

■ 85.4008, 80.7192,
105.6870

■ 85.4127, 80.7254,
105.6876

Harmonies

Analogous

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



63.1124, 66.5546, 34.1778



55.0993, 66.5546, 38.3761



49.7177, 66.5546, 51.2355

Triad

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



55.0993, 66.5546, 38.3761



55.3300, 66.5546, 123.0044



81.6150, 66.5546, 72.0498

Complementary

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



55.0993, 66.5546, 38.3761



40.9482, 35.5413, 73.8129

Split Complementary

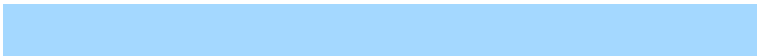
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0577, 66.5546, 98.8767



55.0993, 66.5546, 38.3761



63.4041, 66.5546, 132.1073

Square

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



55.0993, 66.5546, 38.3761



49.8420, 66.5546, 99.7692



72.1851, 66.5546, 122.4112



78.8886, 66.5546, 50.6636

Rectangle

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



55.0993, 66.5546, 38.3761



48.0749, 66.5546, 64.7997



72.1851, 66.5546, 122.4112



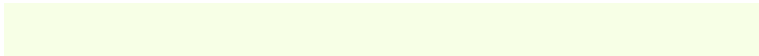
81.3425, 66.5546, 80.7157

Sweetspot

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



55.1010, 66.5575, 38.3775



88.3180, 96.9728, 88.5581



50.0955, 46.7897, 34.8258



18.7124, 20.6698, 18.3911



0.0000, 0.0000, 0.0000



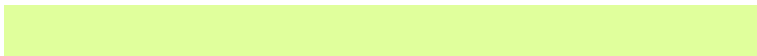
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1010, 66.5575, 38.3775



72.3582, 89.6983, 44.7529



46.7757, 62.2657, 37.9879



14.4297, 15.8017, 14.5963



23.3314, 35.0603, 5.5376



1.7085, 2.4772, 0.3881

Inverse Universe

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



40.9482, 35.5413, 73.8129



50.3295, 41.3970, 99.9455



49.7787, 40.0936, 74.2262



13.3565, 13.4518, 17.2802



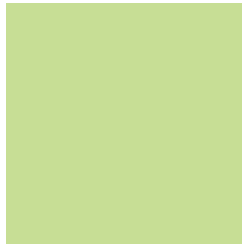
9.4316, 3.9575, 41.3151



0.7442, 0.3210, 2.8680

Previews

White Background



This preview shows how the XYZ color 55.0993, 66.5546, 38.3761 looks on a white background.

Color Contrast Check

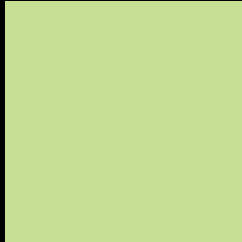
Large Text (above 18pt) WCAG AA × Fail

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 55.0993, 66.5546, 38.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

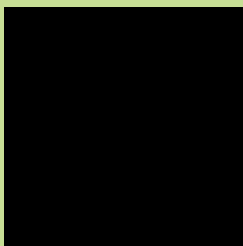
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

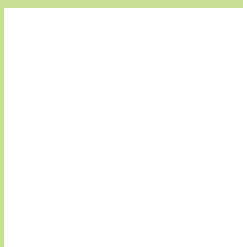
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0993, 66.5546, 38.3761

Background



This preview shows how black text looks on a background with the XYZ color 55.0993, 66.5546, 38.3761.

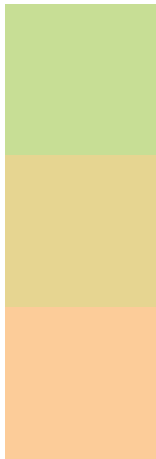


This preview shows how white text looks on a background with the XYZ color 55.0993, 66.5546,

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

55.0993, 66.5546, 38.3761

Protanopia

61.5382, 66.4558, 36.3719

Deuteranopia

67.4875, 66.1811, 39.3542



Tritanopia

64.2647, 66.4457, 83.5669

Trichromacy



Original Color

55.0993, 66.5546, 38.3761

Protanomaly

58.9576, 66.2471, 36.8737

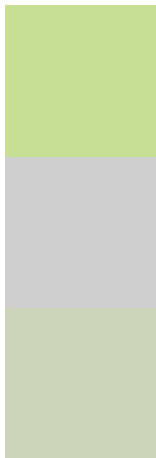
Deuteranomaly

62.5660, 66.1792, 39.1820

Tritanomaly

60.4348, 66.4037, 64.2755

Monochromacy



Original Color

55.0993, 66.5546, 38.3761

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.3082, 63.4695, 55.6847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0993, 66.5546, 38.3761 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, 222, 149)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 149)  
}
```

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, 222, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 149) }
```

Border

The CSS property to change the border of an element to XYZ 55.0993, 66.5546, 38.3761 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, 222, 149) }
```


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

```
.border{ border-color:rgb(199, 222, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 149);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0993, 66.5546, 38.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 149) }
```

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

```
.background{ background-color: rgb(199,  
222, 149) }
```

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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