

Converting Colors

XYZ(55.0948, 66.3137, 41.7229)

Have a look what the booklet for
XYZ(55.0948, 66.3137, 41.7229)
contains.

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Color

**XYZ(55.2330, 66.5472,
41.8321)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DE9D
RGB	197, 222, 157
RGB Percent	77%, 87%, 62%
CMY	0.2274, 0.1294, 0.3843
CMYK	0.11, 0.00, 0.29, 0.13
HSL	83°, 50%, 74%
HSV	83°, 29%, 87%
XYZ	55.2330, 66.5472, 41.8321
YIQ	207.1150, 5.9650, -25.5150

Conversions

Conversions Part 2

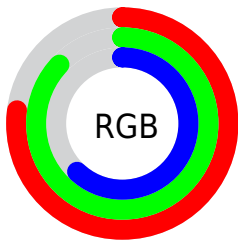
Format	Color
RYB	157, 222, 182
Decimal	12967581
CIELab	85.27, -19.29, 29.22
CIElCh	85, 35.008, 123.427
Yxy	66.5472, 0.3376, 0.4067
Android (android.graphics.Color)	4291157661 (0xFFC5DE9D)
YUV	207.1150, -24.7067, -8.8709
Hunter-Lab	81.5765, -21.9018, 26.6998

Details

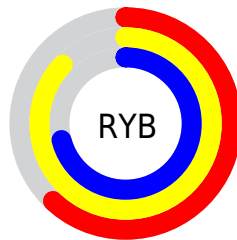
The XYZ color **55.2330, 66.5472, 41.8321** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5360, 39.3348, 74.3561**, and the grayscale version is **59.5353, 62.6358, 68.2104**.

A 20% lighter version of the original color is **88.5167, 97.3443, 76.4114**, and **27.6962, 34.4970, 18.5634** is the 20% darker color. If you saturate the color by 10%, you get **51.3345, 64.7390, 32.6388**, and if you desaturate by 10%, it is **59.6060, 68.5644, 52.8481**.

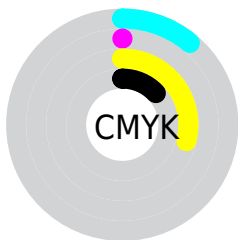
Distribution



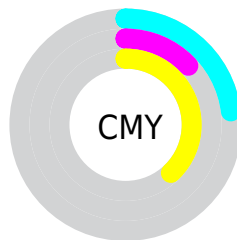
- Red (77%)
- Green (87%)
- Blue (62%)



- Red (62%)
- Yellow (87%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2330, 66.5472, 41.8321 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 55.2330, 66.5472, 41.8321 by changing the saturation by 10% instead.

■ 55.2330, 66.5472,
41.8321

■ 55.2330, 66.5472,
41.8321

396.9166,
448.3313, 369.5656

■ 39.8229, 48.7167,
28.6453

■ 97.0286, 114.2714,
79.2128

■ 27.5841, 34.3948,
18.5694

■ 124.1448,
144.9338, 104.2437

■ 18.1512, 23.1971,
11.1859

155.8937,
180.6425, 134.0598

■ 11.1589, 14.7391,
6.0763

192.6407,
221.7816, 169.0795

■ 6.2419, 8.6365,
2.8220

234.7511,
268.7357, 209.7214

■ 3.0348, 4.5048,
1.0045

282.5903,

■ 1.1722, 1.9598,

321.8890, 256.4040

0.0000

336.5237,
381.6261, 309.5459

0.0842, 0.5839,
0.0000

0.0000, 0.0000,
0.0000

55.2330, 66.5472,
41.8321

55.2330, 66.5472,
41.8321

51.3345, 64.7390,
32.6388

59.6060, 68.5644,
52.8481

47.8848, 63.1224,
25.1653

64.4678, 70.7896,
65.7733

44.8628, 61.6911,
19.3055

69.8381, 73.2334,
80.6942

42.2438, 60.4349,
14.9395

75.7339, 75.9028,
97.6904

■ 39.9995, 59.3422,
11.9307

■ 80.0061, 77.9382,
105.4345

■ 38.0970, 58.3995,
10.1175

■ 82.9693, 79.4657,
105.5732

■ 36.4842, 57.5859,
9.2382

■ 85.4127, 80.7254,
105.6876

■ 36.3747, 57.5305,
9.1873

Harmonies

Analogous

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



62.3458, 66.5472, 37.0801



55.2330, 66.5472, 41.8321



50.5938, 66.5472, 54.6588

Triad

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



55.2330, 66.5472, 41.8321



56.6849, 66.5472, 118.8442



79.6901, 66.5472, 69.8845

Complementary

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



55.2330, 66.5472, 41.8321



44.5360, 39.3348, 74.3561

Split Complementary

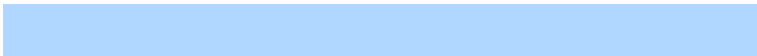
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8608, 66.5472, 93.7555



55.2330, 66.5472, 41.8321



64.1651, 66.5472, 125.2506

Square

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



55.2330, 66.5472, 41.8321



51.3817, 66.5472, 99.2162



72.0099, 66.5472, 115.2577



76.8207, 66.5472, 51.0043

Rectangle

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



55.2330, 66.5472, 41.8321



49.3059, 66.5472, 67.5833



72.0099, 66.5472, 115.2577



79.6052, 66.5472, 77.5629

Sweetspot

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



55.2347, 66.5501, 41.8335



88.3989, 96.9729, 90.4397



52.9234, 51.3880, 39.0288



18.7025, 20.6564, 18.7647



0.0000, 0.0000, 0.0000



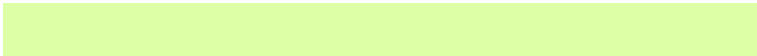
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2347, 66.5501, 41.8335



72.3378, 89.5841, 49.4351



47.6397, 62.6348, 41.4781



14.3345, 15.7526, 14.5918



21.7324, 34.2360, 5.4628



1.6054, 2.4241, 0.3833

Inverse Universe

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



44.5360, 39.3348, 74.3561



55.4822, 46.6923, 100.6960



53.0976, 43.7485, 74.7567



13.4481, 13.4990, 17.2845



10.1934, 4.3502, 41.3508



0.8044, 0.3520, 2.8708

Previews

White Background



This preview shows how the XYZ color 55.2330, 66.5472, 41.8321 looks on a white background.

Color Contrast Check

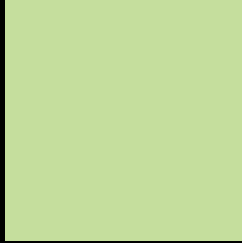
Large Text (above 18pt) WCAG AA × Fail

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 55.2330, 66.5472, 41.8321 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

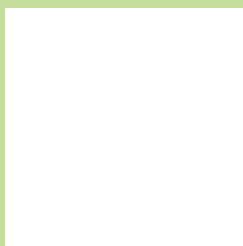
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2330, 66.5472, 41.8321

Background



This preview shows how black text looks on a background with the XYZ color 55.2330, 66.5472, 41.8321.



This preview shows how white text looks on a background with the XYZ color 55.2330, 66.5472,

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

55.2330, 66.5472, 41.8321

Protanopia

61.6064, 66.0449, 39.6379

Deuteranopia

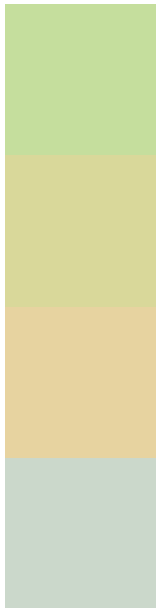
67.4502, 66.0829, 42.9185



Tritanopia

63.8093, 66.5671, 84.3485

Trichromacy



Original Color

55.2330, 66.5472, 41.8321

Protanomaly

59.0039, 66.1965, 40.2392

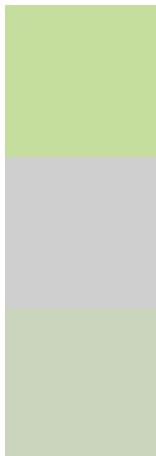
Deuteranomaly

62.5944, 66.1155, 42.7202

Tritanomaly

59.9640, 66.1200, 66.1019

Monochromacy



Original Color

55.2330, 66.5472, 41.8321

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.3574, 63.4576, 57.3696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2330, 66.5472, 41.8321 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(197, 222, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 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(197, 222, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 157) }
```

Border

The CSS property to change the border of an element to XYZ 55.2330, 66.5472, 41.8321 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(197, 222, 157) }
```


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

```
.border{ border-color:rgb(197, 222, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 222, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2330, 66.5472, 41.8321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 157) }
```

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

```
.background{ background-color: rgb(197,  
222, 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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