

Converting Colors

XYZ(54.9158, 65.0129, 42.3939)

Have a look what the booklet for
XYZ(54.9158, 65.0129, 42.3939)
contains.

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Color

**XYZ(55.1427, 65.3084,
42.5003)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DB9F
RGB	199, 219, 159
RGB Percent	78%, 86%, 62%
CMY	0.2196, 0.1412, 0.3765
CMYK	0.09, 0.00, 0.27, 0.14
HSL	80°, 45%, 74%
HSV	80°, 27%, 86%
XYZ	55.1427, 65.3084, 42.5003
YIQ	206.1800, 7.3400, -22.9000

Conversions

Conversions Part 2

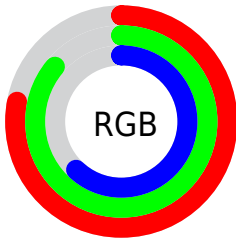
Format	Color
RYB	159, 219, 179
Decimal	13097887
CIELab	84.64, -16.79, 27.36
CIELCh	85, 32.097, 121.534
Yxy	65.3084, 0.3384, 0.4008
Android (android.graphics.Color)	4291287967 (0xFFC7DB9F)
YUV	206.1800, -23.2597, -6.2969
Hunter-Lab	80.8136, -19.6254, 25.3886

Details

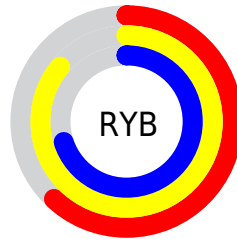
The XYZ color **55.1427, 65.3084, 42.5003** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7774, 39.4962, 72.3378**, and the grayscale version is **58.9240, 61.9927, 67.5100**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **27.6064, 33.6322, 18.9466** is the 20% darker color. If you saturate the color by 10%, you get **51.5176, 63.6421, 33.2740**, and if you desaturate by 10%, it is **59.2009, 67.1631, 53.5072**.

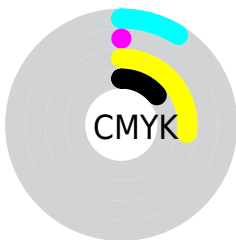
Distribution



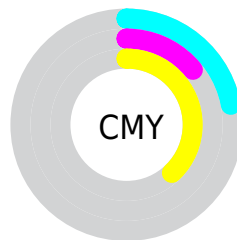
- Red (78%)
- Green (86%)
- Blue (62%)



- Red (62%)
- Yellow (86%)
- Blue (70%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1427, 65.3084, 42.5003 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 55.1427, 65.3084, 42.5003 by changing the saturation by 10% instead.


 55.1427, 65.3084,
42.5003


 55.1427, 65.3084,
42.5003


396.5802,
443.8994, 372.4134

 39.7503, 47.7112,
29.1647


 96.8971, 112.4931,
80.2345

 27.5272, 33.5982,
18.9588


 123.9898,
142.8494, 105.4702

 18.1082, 22.5851,
11.4640


155.7133,
178.2276, 135.5097

 11.1279, 14.2875,
6.2618

192.4329,
219.0119, 170.7716

 6.2208, 8.3209,
2.9336

234.5141,
265.5869, 211.6744

 3.0218, 4.3009,
1.0608

282.3221,

 1.1653, 1.8433,

318.3369, 258.6366

0.0000

336.2224,
377.6462, 312.0767

0.0787, 0.5139,
0.0000

0.0000, 0.0000,
0.0000

55.1427, 65.3084,
42.5003

55.1427, 65.3084,
42.5003

51.5176, 63.6421,
33.2740

59.2009, 67.1631,
53.5072

48.3015, 62.1477,
25.7303


63.7049, 69.2048,
66.3772


45.4753, 60.8198,
19.7684


68.6730, 71.4432,
81.1928


43.0162, 59.6490,
15.2750

74.1209, 73.8846,
98.0303


 40.8984, 58.6249,
12.1214


 77.8120, 75.6347,
105.1056


 39.0920, 57.7352,
10.1573

 80.2795, 76.9067,
105.2210

 37.5568, 56.9639,
9.1793

 82.8472, 78.2304,
105.3412

 37.1851, 56.7759,
8.9990

 84.6229, 79.1458,
105.4243

Harmonies

Analogous

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



61.7055, 65.3084, 38.5077



55.1427, 65.3084, 42.5003



50.7318, 65.3084, 53.9109

Triad

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



55.1427, 65.3084, 42.5003



55.7352, 65.3084, 111.7463



76.8911, 65.3084, 70.0585

Complementary

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



55.1427, 65.3084, 42.5003



43.7774, 39.4962, 72.3378

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.



74.9913, 65.3084, 91.6250



55.1427, 65.3084, 42.5003



62.4433, 65.3084, 118.2998

Square

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



55.1427, 65.3084, 42.5003



51.0549, 65.3084, 93.8089



69.5624, 65.3084, 110.3244



74.5737, 65.3084, 52.4038

Rectangle

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



55.1427, 65.3084, 42.5003



49.4184, 65.3084, 65.4571



69.5624, 65.3084, 110.3244



76.7237, 65.3084, 77.0788

Sweetspot

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



55.1444, 65.3113, 42.5017



89.4795, 97.4879, 92.3956



51.5939, 49.8056, 39.6959



18.9383, 20.7696, 19.1551



0.0000, 0.0000, 0.0000



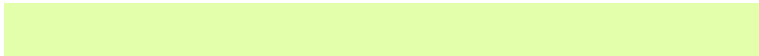
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1444, 65.3113, 42.5017



74.7575, 90.7764, 52.0346



47.9538, 61.6044, 42.1652



13.7185, 15.0351, 13.9046



22.1683, 33.7257, 5.3413



1.5261, 2.2313, 0.3502

Inverse Universe

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



43.7774, 39.4962, 72.3378



56.1127, 48.4184, 100.9960



51.4812, 43.4677, 72.6983



12.7457, 12.8270, 16.4562



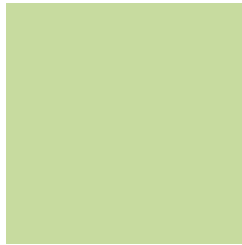
9.3156, 3.9265, 40.0053



0.6931, 0.3006, 2.5959

Previews

White Background



This preview shows how the XYZ color 55.1427, 65.3084, 42.5003 looks on a white background.

Color Contrast Check

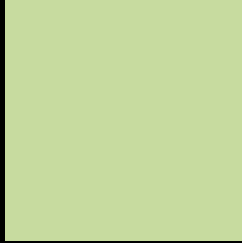
Large Text (above 18pt) WCAG AA × Fail

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 55.1427, 65.3084, 42.5003 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 55.1427, 65.3084, 42.5003

Background



This preview shows how black text looks on a background with the XYZ color 55.1427, 65.3084, 42.5003.



This preview shows how white text looks on a background with the XYZ color 55.1427, 65.3084,

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

55.1427, 65.3084, 42.5003

Protanopia

60.5747, 65.1238, 40.3879

Deuteranopia

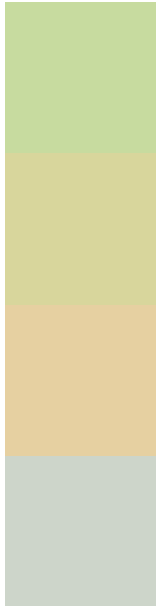
66.3535, 64.8062, 43.1940



Tritanopia

62.9241, 65.0491, 81.9123

Trichromacy



Original Color

55.1427, 65.3084, 42.5003

Protanomaly

58.3662, 65.0924, 40.9403

Deuteranomaly

61.6220, 64.5080, 42.9217

Tritanomaly

59.6318, 64.8319, 65.2480

Monochromacy



Original Color

55.1427, 65.3084, 42.5003

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.1082, 62.9592, 57.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1427, 65.3084, 42.5003 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, 219, 159)` looks like.

```
.text, #text, p{  
    color:rgb(199, 219, 159)  
}
```

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, 219, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 219, 159) }
```

Border

The CSS property to change the border of an element to XYZ 55.1427, 65.3084, 42.5003 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, 219, 159) }
```


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

```
.border{ border-color:rgb(199, 219, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 219, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 219, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 219, 159);  
box-shadow:4px 4px 4px 4px rgb(199, 219,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1427, 65.3084, 42.5003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 219, 159) }
```

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

```
.background{ background-color: rgb(199,  
219, 159) }
```

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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