

Converting Colors

XYZ(54.1337, 64.6097, 42.3573)

Have a look what the booklet for
XYZ(54.1337, 64.6097, 42.3573)
contains.

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Color

**XYZ(54.3545, 64.9020,
42.4634)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DB9F
RGB	196, 219, 159
RGB Percent	77%, 86%, 62%
CMY	0.2314, 0.1412, 0.3765
CMYK	0.11, 0.00, 0.27, 0.14
HSL	83°, 45%, 74%
HSV	83°, 27%, 86%
XYZ	54.3545, 64.9020, 42.4634
YIQ	205.2830, 5.5520, -23.5360

Conversions

Conversions Part 2

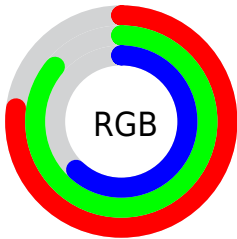
Format	Color
RYB	159, 219, 182
Decimal	12901279
CIELab	84.43, -17.88, 27.04
CIELCh	84, 32.417, 123.478
Yxy	64.9020, 0.3361, 0.4013
Android (android.graphics.Color)	4291091359 (0xFFC4DB9F)
YUV	205.2830, -22.8175, -8.1412
Hunter-Lab	80.5618, -20.5503, 25.1420

Details

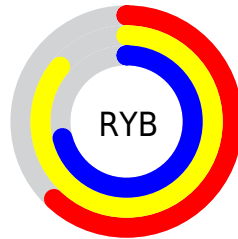
The XYZ color **54.3545, 64.9020, 42.4634** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4782, 39.8576, 72.3704**, and the grayscale version is **58.3482, 61.3869, 66.8503**.

A 20% lighter version of the original color is **88.4056, 97.2577, 77.7315**, and **27.0846, 33.3632, 18.9222** is the 20% darker color. If you saturate the color by 10%, you get **50.4972, 63.1160, 33.2262**, and if you desaturate by 10%, it is **58.6742, 66.8915, 53.4825**.

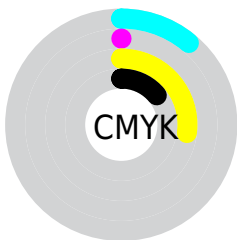
Distribution



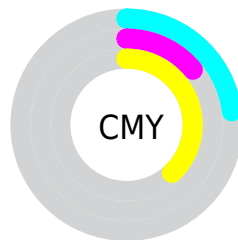
- Red (77%)
- Green (86%)
- Blue (62%)



- Red (62%)
- Yellow (86%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (14%)





- Cyan (23%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3545, 64.9020, 42.4634 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 54.3545, 64.9020, 42.4634 by changing the saturation by 10% instead.


 54.3545, 64.9020,
42.4634


 54.3545, 64.9020,
42.4634


393.6367,
442.4397, 372.2565

 39.1169, 47.3816,
29.1360


 95.7484, 111.9090,
80.1781

 27.0319, 33.3374,
18.9373

 122.6355,
142.1643, 105.4026

 17.7339, 22.3851,
11.4486


154.1364,
177.4335, 135.4298

 10.8576, 14.1401,
6.2515

190.6166,
218.1008, 170.6783

 6.0378, 8.2182,
2.9273

232.4413,
264.5507, 211.5667

 2.9089, 4.2349,
1.0577

279.9760,

 1.1058, 1.8058,

317.1675, 258.5135

0.0000

333.5860,
376.3357, 311.9373

0.0300, 0.4908,
0.0000

0.0000, 0.0000,
0.0000

54.3545, 64.9020,
42.4634

54.3545, 64.9020,
42.4634

50.4972, 63.1160,
33.2262

58.6742, 66.8915,
53.4825

47.0775, 61.5167,
25.6730

63.4696, 69.0834,
66.3661

44.0756, 60.0981,
19.7029

68.7597, 71.4878,
81.1968

41.4679, 58.8507,
15.2025

74.5608, 74.1113,
98.0508

■ 39.2279, 57.7636,
12.0433

■ 78.6369, 76.0598,
105.1441

■ 37.3247, 56.8241,
10.0745

■ 81.5220, 77.5471,
105.2792

■ 35.7177, 56.0157,
9.0932

■ 84.5402, 79.1031,
105.4204

■ 35.3312, 55.8201,
8.9122

■ 84.6229, 79.1457,
105.4243

Harmonies

Analogous

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



60.8505, 64.9020, 37.9935



54.3545, 64.9020, 42.4634



50.1000, 64.9020, 54.3850

Triad

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



54.3545, 64.9020, 42.4634



55.7038, 64.9020, 112.4595



76.5796, 64.9020, 68.2868

Complementary

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



54.3545, 64.9020, 42.4634



44.4782, 39.8576, 72.3704

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.



74.9364, 64.9020, 89.9125



54.3545, 64.9020, 42.4634



62.5319, 64.9020, 118.1462

Square

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



54.3545, 64.9020, 42.4634



50.8354, 64.9020, 94.8986



69.6518, 64.9020, 109.2094



73.9833, 64.9020, 50.9575

Rectangle

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



54.3545, 64.9020, 42.4634



48.9180, 64.9020, 66.2544



69.6518, 64.9020, 109.2094



76.5055, 64.9020, 75.2718

Sweetspot

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



54.3562, 64.9048, 42.4648



89.1186, 97.3018, 92.3787



52.2017, 51.0213, 39.8986



18.8472, 20.7227, 19.1509



0.0000, 0.0000, 0.0000



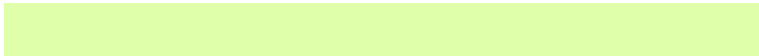
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3562, 64.9048, 42.4648



73.4471, 90.1009, 51.9733



47.3174, 61.2762, 42.1354



13.6536, 15.0017, 13.9016



21.0743, 33.1617, 5.2901



1.4603, 2.1973, 0.3472

Inverse Universe

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



44.4782, 39.8576, 72.3704



57.2437, 49.0014, 101.0489



52.3381, 43.9095, 72.7382



12.8083, 12.8593, 16.4592



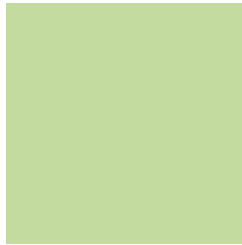
9.8608, 4.2076, 40.0308



0.7332, 0.3212, 2.5978

Previews

White Background



This preview shows how the XYZ color 54.3545, 64.9020, 42.4634 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 54.3545, 64.9020, 42.4634 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

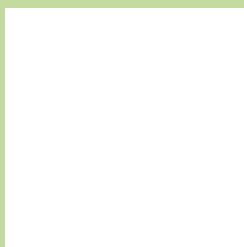
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3545, 64.9020, 42.4634

Background



This preview shows how black text looks on a background with the XYZ color 54.3545, 64.9020, 42.4634.



This preview shows how white text looks on a background with the XYZ color 54.3545, 64.9020,

42.4634.

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

54.3545, 64.9020, 42.4634

Protanopia

60.3270, 64.6285, 40.3053

Deuteranopia

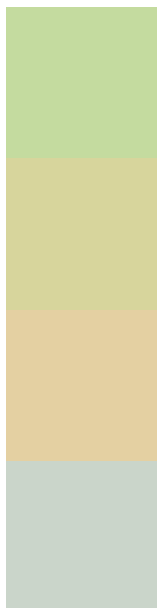
66.0892, 64.6596, 43.6476



Tritanopia

62.3653, 64.7610, 81.8862

Trichromacy



Original Color

54.3545, 64.9020, 42.4634

Protanomaly

57.8193, 64.4359, 40.8425

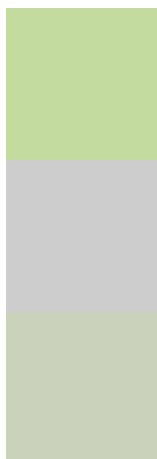
Deuteranomaly

61.0724, 64.2144, 43.3582

Tritanomaly

58.8120, 64.4093, 65.2096

Monochromacy



Original Color

54.3545, 64.9020, 42.4634

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.4808, 62.2806, 56.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3545, 64.9020, 42.4634 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(196, 219, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 219, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 159) }
```

Border

The CSS property to change the border of an element to XYZ 54.3545, 64.9020, 42.4634 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(196, 219, 159) }
```


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

```
.border{ border-color:rgb(196, 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(196, 219, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 219, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 219, 159); box-shadow:4px 4px 4px 4px rgb(196, 219, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3545, 64.9020, 42.4634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 159) }
```

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

```
.background{ background-color: rgb(196,  
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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