

Converting Colors

XYZ(54.4065, 64.3764, 48.6088)

Have a look what the booklet for
XYZ(54.4065, 64.3764, 48.6088)
contains.

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Color

**XYZ(54.5101, 64.4588,
48.5985)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DAAC
RGB	193, 218, 172
RGB Percent	76%, 85%, 67%
CMY	0.2431, 0.1451, 0.3255
CMYK	0.11, 0.00, 0.21, 0.15
HSL	93°, 38%, 76%
HSV	93°, 21%, 85%
XYZ	54.5101, 64.4588, 48.5985
YIQ	205.2810, -0.1340, -19.6060

Conversions

Conversions Part 2

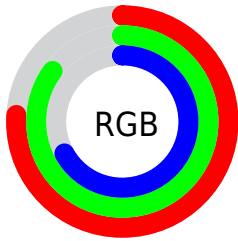
Format	Color
RYB	172, 218, 197
Decimal	12704428
CIELab	84.20, -16.50, 19.92
CIELCh	84, 25.866, 129.632
Yxy	64.4588, 0.3253, 0.3847
Android (android.graphics.Color)	4290894508 (0xFFC1DAAC)
YUV	205.2810, -16.4075, -10.7704
Hunter-Lab	80.2862, -19.3089, 20.3112

Details

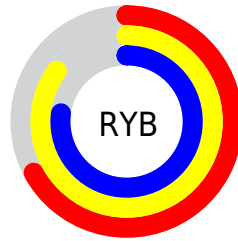
The XYZ color **54.5101, 64.4588, 48.5985** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.4359, 46.4391, 72.6385**, and the grayscale version is **58.3099, 61.3466, 66.8064**.

A 20% lighter version of the original color is **89.1879, 97.4454, 87.5069**, and **27.1348, 33.0394, 22.7164** is the 20% darker color. If you saturate the color by 10%, you get **49.6856, 62.1960, 38.3256**, and if you desaturate by 10%, it is **59.9236, 66.9894, 60.6945**.

Distribution



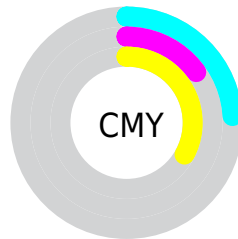
- Red (76%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5101, 64.4588, 48.5985 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 54.5101, 64.4588, 48.5985 by changing the saturation by 10% instead.

■ 54.5101, 64.4588,
48.5985

■ 54.5101, 64.4588,
48.5985

394.2189,
440.8446, 397.7365

■ 39.2419, 47.0224,
33.9377

■ 95.9753, 111.2714,
89.4697

■ 27.1295, 33.0533,
22.5688

122.9031,
141.4164, 116.5171

■ 17.8076, 22.1673,
14.0731

154.4480,
176.5664, 148.5306

■ 10.9108, 13.9799,
8.0322

190.9756,
217.1057, 185.9285

■ 6.0737, 8.1067,
4.0275

232.8511,
263.4188, 229.1296

■ 2.9311, 4.1633,
1.6404

280.4399,

■ 1.1174, 1.7653,

315.8900, 278.5522

0.3194

334.1074,
374.9038, 334.6150

0.0396, 0.4654,
0.0000

0.0000, 0.0000,
0.0000

54.5101, 64.4588,
48.5985

54.5101, 64.4588,
48.5985

49.6856, 62.1960,
38.3256

59.9236, 66.9894,
60.6945

45.4225, 60.1830,
29.7831

65.9420, 69.7884,
74.6919

41.6988, 58.4123,
22.8769

72.5870, 72.8673,
90.6691

38.4882, 56.8728,
17.5017

79.1931, 75.9604,
105.0956

■ 35.7623, 55.5525,
13.5404

■ 83.3571, 78.1070,
105.2905

■ 33.4891, 54.4376,
10.8585

■ 84.3627, 78.6254,
105.3376

■ 31.6311, 53.5124,
9.2959

■ 30.2745, 52.8270,
8.6010

Harmonies

Analogous

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



59.4429, 64.4588, 43.4675



54.5101, 64.4588, 48.5985



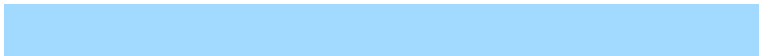
51.5158, 64.4588, 59.7747

Triad

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



54.5101, 64.4588, 48.5985



57.5144, 64.4588, 104.0788



72.7713, 64.4588, 65.0414

Complementary

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



54.5101, 64.4588, 48.5985



50.4359, 46.4391, 72.6385

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.



72.1751, 64.4588, 81.7381



54.5101, 64.4588, 48.5985



63.1263, 64.4588, 106.0767

Square

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



54.5101, 64.4588, 48.5985



53.1740, 64.4588, 92.2731



68.5586, 64.4588, 97.3696



70.1403, 64.4588, 51.9366

Rectangle

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



54.5101, 64.4588, 48.5985



50.9054, 64.4588, 69.9823



68.5586, 64.4588, 97.3696



72.9452, 64.4588, 70.3875

Sweetspot

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



54.5118, 64.4616, 48.5999



89.6900, 97.5102, 96.2988



56.2228, 57.6073, 47.1867



19.0767, 20.8151, 20.3315



0.0000, 0.0000, 0.0000



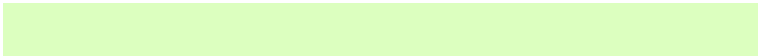
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5118, 64.4616, 48.5999



74.8127, 90.5629, 62.9719



49.6811, 61.9542, 49.1471



13.4484, 14.8959, 13.8920



18.2575, 31.7096, 5.1583



1.2813, 2.1051, 0.3388

Inverse Universe

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



50.4359, 46.4391, 72.6385



68.0681, 60.7434, 102.7448



56.1236, 49.3942, 71.8619



13.0116, 12.9641, 16.4687



12.2232, 5.4255, 40.1414



0.8908, 0.4025, 2.6052

Previews

White Background



This preview shows how the XYZ color 54.5101, 64.4588, 48.5985 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 54.5101, 64.4588, 48.5985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

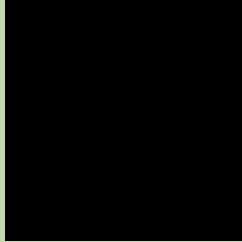
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5101, 64.4588, 48.5985

Background



This preview shows how black text looks on a background with the XYZ color 54.5101, 64.4588, 48.5985.



This preview shows how white text looks on a background with the XYZ color 54.5101, 64.4588,

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

54.5101, 64.4588, 48.5985

Protanopia

60.2998, 64.1161, 46.2433

Deuteranopia

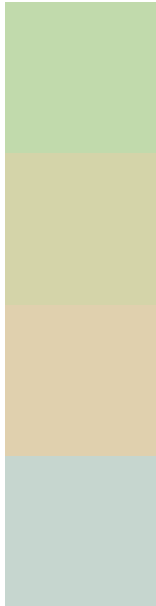
65.4763, 64.2135, 49.5009



Tritanopia

61.2468, 64.5521, 81.9048

Trichromacy



Original Color

54.5101, 64.4588, 48.5985

Protanomaly

57.8563, 63.9486, 46.8301

Deuteranomaly

60.9363, 64.0150, 49.1888

Tritanomaly

58.5978, 64.6039, 68.4129

Monochromacy



Original Color

54.5101, 64.4588, 48.5985

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.7596, 62.3609, 59.4974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5101, 64.4588, 48.5985 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(193, 218, 172)` looks like.

```
.text, #text, p{  
    color:rgb(193, 218, 172)  
}
```

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(193, 218, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 218, 172) }
```

Border

The CSS property to change the border of an element to XYZ 54.5101, 64.4588, 48.5985 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(193, 218, 172) }
```


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

```
.border{ border-color:rgb(193, 218, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 218, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 218, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 218, 172);  
box-shadow:4px 4px 4px 4px rgb(193, 218,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5101, 64.4588, 48.5985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 218, 172) }
```

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

```
.background{ background-color: rgb(193,  
218, 172) }
```

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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