

# Converting Colors

XYZ(54.4592, 62.0883, 47.5456)

Have a look what the booklet for  
XYZ(54.4592, 62.0883, 47.5456)  
contains.

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# Color

**XYZ(54.4474, 62.1694,  
47.6583)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7D4AB
RGB	199, 212, 171
RGB Percent	78%, 83%, 67%
CMY	0.2196, 0.1686, 0.3294
CMYK	0.06, 0.00, 0.19, 0.17
HSL	79°, 32%, 75%
HSV	79°, 19%, 83%
XYZ	54.4474, 62.1694, 47.6583
YIQ	203.4390, 5.4130, -15.5070

# Conversions

## Conversions Part 2

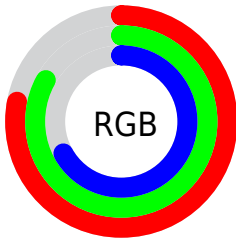
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 212, 184
Decimal	13096107
CIELab	83.00, -11.48, 18.84
CIElCh	83, 22.066, 121.358
Yxy	62.1694, 0.3314, 0.3784
Android (android.graphics.Color)	4291286187 (0xFFC7D4AB)
YUV	203.4390, -15.9924, -3.8930
Hunter-Lab	78.8476, -14.7219, 19.3563

# Details

The XYZ color **54.4474, 62.1694, 47.6583** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.2162, 44.0713, 68.3615**, and the grayscale version is **57.1373, 60.1129, 65.4629**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **27.0638, 31.4656, 22.0998** is the 20% darker color. If you saturate the color by 10%, you get **50.8422, 60.5278, 37.7737**, and if you desaturate by 10%, it is **58.4589, 63.9867, 59.2564**.

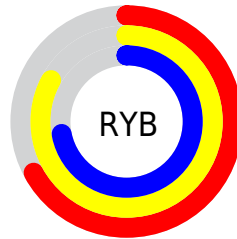
# Distribution



Red (78%)

Green (83%)

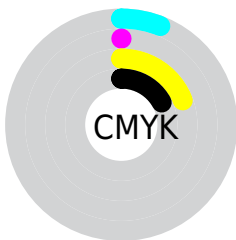
Blue (67%)



Red (67%)

Yellow (83%)

Blue (72%)

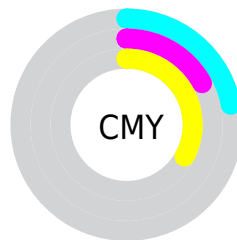


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (17%)



Cyan (22%)

Magenta (17%)

Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4474, 62.1694, 47.6583 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 54.4474, 62.1694, 47.6583 by changing the saturation by 10% instead.





 54.4474, 62.1694,  
47.6583

 54.4474, 62.1694,  
47.6583

393.9844,  
432.5487, 393.9057

 39.1916, 45.1696,  
33.1983


 95.8839, 107.9703,  
88.0557

 27.0902, 31.5910,  
22.0060

122.7952,  
137.5402, 114.8301

 17.7779, 21.0493,  
13.6630


154.3225,  
172.0690, 146.5465

 10.8894, 13.1601,  
7.7506

190.8310,  
211.9409, 183.6233

 6.0592, 7.5389,  
3.8503

232.6860,  
257.5405, 226.4791

 2.9221, 3.8013,  
1.5436

280.2531,

 1.1127, 1.5631,

309.2520, 275.5324

0.2501

333.8974,  
367.4600, 331.2017

0.0357, 0.3325,  
0.0000

0.0000, 0.0000,  
0.0000

54.4474, 62.1694,  
47.6583

54.4474, 62.1694,  
47.6583

50.8422, 60.5278,  
37.7737

58.4589, 63.9867,  
59.2564

47.6220, 59.0472,  
29.5173

62.8871, 65.9779,  
72.6397

44.7707, 57.7229,  
22.8026

67.7482, 68.1516,  
87.8810

42.2690, 56.5473,  
17.5333

72.9262, 70.4615,  
104.3645

■ 40.0955, 55.5115,  
13.6025

■ 75.0751, 71.5693,  
104.4651

■ 38.2260, 54.6059,  
10.8884

■ 77.3075, 72.7202,  
104.5696

■ 36.6320, 53.8189,  
9.2470

■ 79.6245, 73.9146,  
104.6780

■ 35.2666, 53.1315,  
8.4368

■ 82.0269, 75.1531,  
104.7904

■ 35.1808, 53.0882,  
8.3928

■ 82.8348, 75.5696,  
104.8283

# Harmonies

## Analogous

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



58.8732, 62.1694, 44.6932



54.4474, 62.1694, 47.6583



51.4051, 62.1694, 55.8721

# Triad

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



54.4474, 62.1694, 47.6583



54.8044, 62.1694, 93.4437



68.7357, 62.1694, 67.0718

# Complementary

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



54.4474, 62.1694, 47.6583



46.2162, 44.0713, 68.3615

# 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.



67.5053, 62.1694, 81.0712



54.4474, 62.1694, 47.6583



59.3076, 62.1694, 97.4738

# Square

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



54.4474, 62.1694, 47.6583



51.6033, 62.1694, 82.2922



63.9896, 62.1694, 92.6747



67.2683, 62.1694, 54.9295



# Rectangle

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



54.4474, 62.1694, 47.6583



50.4833, 62.1694, 63.8233



63.9896, 62.1694, 92.6747



68.6235, 62.1694, 71.7137

# Sweetspot

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



54.4490, 62.1721, 47.6596



90.9209, 98.1447, 96.3564



51.6414, 51.2134, 45.6924



19.3677, 20.9651, 20.3451



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

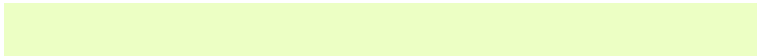


# Same Dimension

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



54.4490, 62.1721, 47.6596



80.4884, 93.4227, 66.2239



49.3751, 59.5564, 47.4222



13.0720, 14.3133, 13.2345



21.8257, 32.8279, 5.1861



1.4005, 2.0234, 0.3167



# Inverse Universe

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



46.2162, 44.0713, 68.3615



65.8789, 61.2976, 102.9672



51.4834, 46.7867, 68.6080



12.1096, 12.1979, 15.6537



8.8677, 3.7240, 38.7046

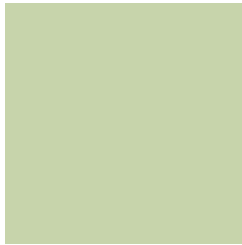


0.6197, 0.2684, 2.3384



# Previews

## White Background



This preview shows how the XYZ color 54.4474, 62.1694, 47.6583 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

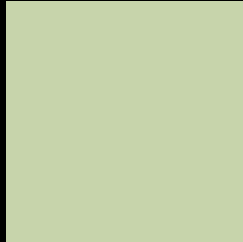
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.4474, 62.1694, 47.6583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

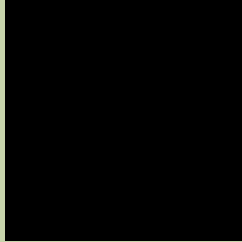
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

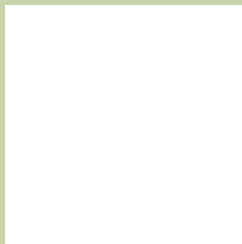
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.4474, 62.1694, 47.6583**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.4474, 62.1694, 47.6583.



This preview shows how white text looks on a background with the XYZ color 54.4474, 62.1694,



# 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

54.4474, 62.1694, 47.6583

### Protanopia

58.3526, 62.0298, 45.9432

### Deuteranopia

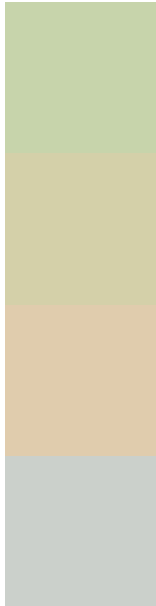
63.3233, 62.0800, 48.6895



## Tritanopia

60.3361, 62.0049, 77.1947

# Trichromacy



## Original Color

54.4474, 62.1694, 47.6583

## Protanomaly

56.8687, 61.9734, 46.5009

## Deuteranomaly

59.8762, 62.0502, 48.3562

## Tritanomaly

57.9640, 62.1201, 65.4353

# Monochromacy



## Original Color

54.4474, 62.1694, 47.6583

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

55.8324, 60.4608, 58.0176

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.4474, 62.1694, 47.6583 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, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 171)  
}
```

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, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 54.4474, 62.1694, 47.6583 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, 212, 171) }
```



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

```
.border{ border-color:rgb(199, 212, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 171);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
171) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.4474, 62.1694, 47.6583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 171) }
```

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

```
.background{ background-color: rgb(199,  
212, 171) }
```

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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