

# Converting Colors

XYZ(64.4225, 68.3092, 54.0455)

Have a look what the booklet for  
XYZ(64.4225, 68.3092, 54.0455)  
contains.

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# Color

**XYZ(64.4225, 68.3092,  
54.0455)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3D7B6
RGB	227, 215, 182
RGB Percent	89%, 84%, 71%
CMY	0.1098, 0.1568, 0.2863
CMYK	0.00, 0.05, 0.20, 0.11
HSL	44°, 45%, 80%
HSV	44°, 20%, 89%
XYZ	64.4225, 68.3092, 54.0455
YIQ	214.8260, 17.7450, -7.7190

# Conversions

## Conversions Part 2

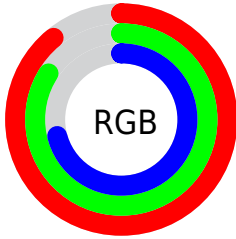
Format	Color
R <sub>Y</sub> B	198, 227, 182
Decimal	14931894
CIE Lab	86.16, -1.14, 17.79
CIE LCh	86, 17.822, 93.670
Yxy	68.3092, 0.3449, 0.3657
Android (android.graphics.Color)	4293121974 (0xFFE3D7B6)
YUV	214.8260, -16.1832, 10.6766
Hunter-Lab	82.6494, -5.5015, 19.0841

# Details

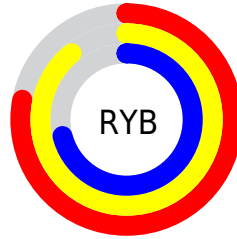
The XYZ color **64.4225, 68.3092, 54.0455** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4480, 54.0734, 80.3464**, and the grayscale version is **64.5727, 67.9355, 73.9818**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **33.3278, 35.3845, 25.8422** is the 20% darker color. If you saturate the color by 10%, you get **60.7523, 64.4234, 42.1713**, and if you desaturate by 10%, it is **68.5336, 72.4672, 67.9445**.

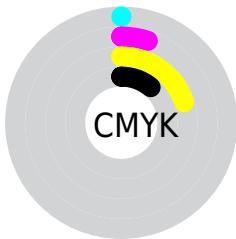
# Distribution



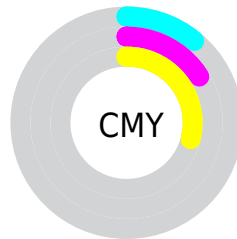
- Red (89%)
- Green (84%)
- Blue (71%)



- Red (78%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4225, 68.3092, 54.0455 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 64.4225, 68.3092, 54.0455 by changing the saturation by 10% instead.



■ 64.4225, 68.3092,  
54.0455

■ 64.4225, 68.3092,  
54.0455

430.2919,  
454.5907, 419.4630

■ 47.2559, 50.1493,  
38.2446

■ 110.2895,  
116.7944, 97.5981

■ 33.4468, 35.5321,  
25.8693

139.7207,  
147.8884, 126.1869

■ 22.6298, 24.0730,  
16.5010

173.9707,  
184.0627, 159.8755

■ 14.4396, 15.3878,  
9.7212

213.4050,  
225.7016, 199.0823

■ 8.5108, 9.0920,  
5.1113

258.3889,  
273.1894, 244.2259

■ 4.4780, 4.8012,  
2.2528

309.2878,

■ 1.9760, 2.1311,

326.9106, 295.7249

0.7046

366.4670,  
387.2496, 353.9977

■ 0.6204, 0.6820,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 64.4225, 68.3092,  
54.0455

■ 64.4225, 68.3092,  
54.0455

■ 60.7523, 64.4234,  
42.1713

■ 68.5336, 72.4672,  
67.9445

■ 57.4988, 60.7922,  
32.2209

■ 73.0979, 76.8963,  
83.9539

■ 54.6433, 57.4094,  
24.0913

■ 78.1338, 81.6071,  
102.1599

■ 52.1634, 54.2651,  
17.6681

■ 80.6566, 85.4066,  
106.8418

■ 50.0345, 51.3484,  
12.8236

■ 82.4599, 89.0134,  
107.4429

■ 48.2281, 48.6469,  
9.4122

■ 84.3232, 92.7399,  
108.0640

■ 46.7108, 46.1461,  
7.2611

■ 85.4887, 95.0710,  
108.4525

■ 45.4262, 43.8224,  
6.0759

■ 45.4045, 43.7825,  
6.0578

# Harmonies

## Analogous

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



68.4853, 68.3092, 55.9224



64.4225, 68.3092, 54.0455



60.6527, 68.3092, 57.1260

# Triad

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



64.4225, 68.3092, 54.0455



58.5838, 68.3092, 87.6090



72.2504, 68.3092, 84.8465

# Complementary

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



64.4225, 68.3092, 54.0455



52.4480, 54.0734, 80.3464

# 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.



69.3951, 68.3092, 94.7925



64.4225, 68.3092, 54.0455



61.4919, 68.3092, 96.5016

# Square

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



64.4225, 68.3092, 54.0455



57.3725, 68.3092, 75.8318



65.4318, 68.3092, 99.2585



73.1147, 68.3092, 72.9412



# Rectangle

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



64.4225, 68.3092, 54.0455



58.7800, 68.3092, 61.7880



65.4318, 68.3092, 99.2585



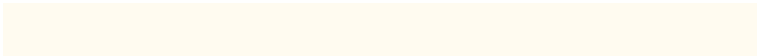
71.4859, 68.3092, 88.5696

# Sweetspot

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



64.4243, 68.3123, 54.0469



91.3963, 96.4789, 96.0098



58.1448, 53.6827, 58.3370



19.4803, 20.5701, 20.2629



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.



64.4243, 68.3123, 54.0469



81.7300, 86.6957, 63.3476



64.3800, 72.9913, 54.9524



15.2596, 16.1330, 15.2142



26.5805, 25.7351, 3.5664



2.0395, 2.0523, 0.2886



# Inverse Universe

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



52.4480, 54.0734, 80.3464



63.3214, 64.8121, 103.7803



52.4589, 50.2747, 79.6126



13.8938, 14.5089, 18.2126



9.1261, 5.3143, 42.9279

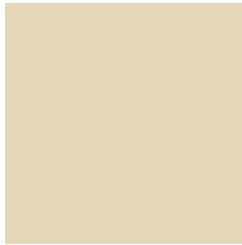


0.7492, 0.5423, 3.1972



# Previews

## White Background



This preview shows how the XYZ color 64.4225, 68.3092, 54.0455 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 64.4225, 68.3092, 54.0455 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

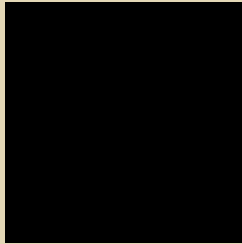
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 64.4225, 68.3092, 54.0455**

## **Background**



This preview shows how black text looks on a background with the XYZ color 64.4225, 68.3092, 54.0455.



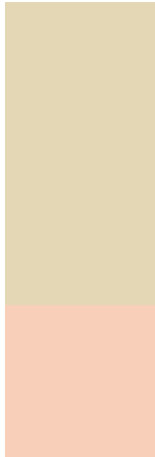
This preview shows how white text looks on a background with the XYZ color 64.4225, 68.3092,



# 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

64.4225, 68.3092, 54.0455

### Protanopia

64.4225, 68.3092, 54.0455

### Deuteranopia

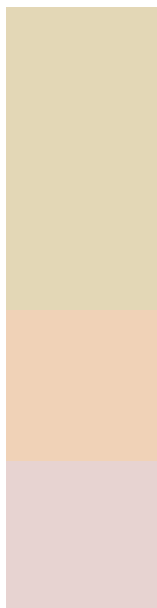
69.6760, 68.0428, 54.8087



## Tritanopia

69.9953, 68.3608, 80.7400

# Trichromacy



## Original Color

64.4225, 68.3092, 54.0455

## Protanomaly

64.4225, 68.3092, 54.0455

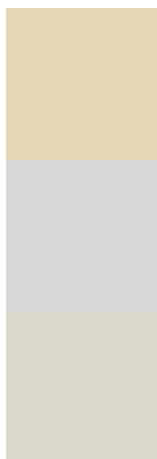
## Deuteranomaly

67.5290, 68.0373, 54.3731

## Tritanomaly

67.7579, 68.1809, 69.9106

# Monochromacy



## Original Color

64.4225, 68.3092, 54.0455

## Achromatopsia

64.5905, 67.9542, 74.0022

## Achromatomaly

64.2933, 67.9727, 66.2313

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 64.4225, 68.3092, 54.0455 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(227, 215, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 182)  
}
```

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(227, 215, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 64.4225, 68.3092, 54.0455 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(227, 215, 182) }
```



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

```
.border{ border-color:rgb(227, 215, 182) }
```

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

Here you see how a box with a 4 pixel rgb(227, 215, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 182);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 64.4225, 68.3092, 54.0455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 182) }
```

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

```
.background{ background-color: rgb(227,  
215, 182) }
```

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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