

Converting Colors

XYZ(63.5496, 62.8730, 49.3437)

Have a look what the booklet for
XYZ(63.5496, 62.8730, 49.3437)
contains.

XYZ(63.5496, 62.8730, 49.3437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.5496, 62.8730,
49.3437)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC9AF
RGB	237, 201, 175
RGB Percent	93%, 79%, 69%
CMY	0.0706, 0.2117, 0.3137
CMYK	0.00, 0.15, 0.26, 0.07
HSL	25°, 63%, 81%
HSV	25°, 26%, 93%
XYZ	63.5496, 62.8730, 49.3437
YIQ	208.8000, 29.8020, -0.4540

Conversions

Conversions Part 2

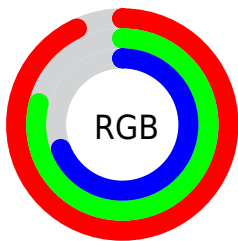
Format	Color
R _Y B	237, 220, 175
Decimal	15583663
CIE Lab	83.38, 8.87, 17.71
CIE LCh	83, 19.812, 63.397
Yxy	62.8730, 0.3616, 0.3577
Android (android.graphics.Color)	4293773743 (0xFFEDC9AF)
YUV	208.8000, -16.6634, 24.7314
Hunter-Lab	79.2925, 4.2984, 18.6086

Details

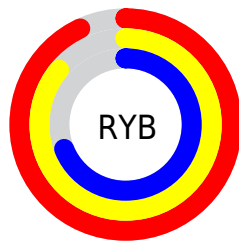
The XYZ color **63.5496, 62.8730, 49.3437** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **desert sand**. A complement of this color would be **56.2590, 61.8152, 89.0875**, and the grayscale version is **60.5670, 63.7212, 69.3923**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **32.7690, 31.9759, 22.8572** is the 20% darker color. If you saturate the color by 10%, you get **58.3583, 55.8941, 37.1195**, and if you desaturate by 10%, it is **69.4401, 70.5958, 63.8178**.

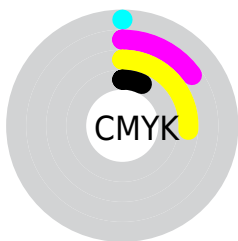
Distribution



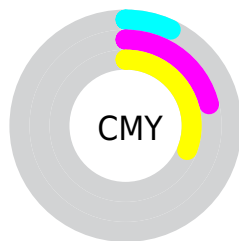
- Red (93%)
- Green (79%)
- Blue (69%)



- Red (93%)
- Yellow (86%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5496, 62.8730, 49.3437 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 63.5496, 62.8730, 49.3437 by changing the saturation by 10% instead.


 63.5496, 62.8730,
49.3437

 63.5496, 62.8730,
49.3437


427.1894,
435.1084, 400.7551

 46.5463, 45.7385,
34.5247


 109.0394,
108.9863, 90.5880

 32.8836, 32.0395,
23.0163


138.2566,
138.7338, 117.8503

 22.1961, 21.3917,
14.4002


172.2758,
173.4545, 150.0975

 14.1185, 13.4106,
8.2576

211.4624,
213.5326, 187.7481

 8.2853, 7.7119,
4.1701

256.1817,
259.3527, 231.2206

 4.3314, 3.9112,
1.7191

306.7990,

 1.8913, 1.6240,

311.2991, 280.9336

0.3738

363.6798,
369.7562, 337.3056

■ 0.5718, 0.3737,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5496, 62.8730,
49.3437

■ 63.5496, 62.8730,
49.3437

■ 58.3583, 55.8941,
37.1195

■ 69.4401, 70.5958,
63.8178

■ 53.8324, 49.6269,
27.0265

■ 76.0520, 79.0761,
80.6447

■ 49.9425, 44.0493,
18.9406

■ 83.4122, 88.3383,
99.9254

■ 46.6546, 39.1347,
12.7233

■ 88.7352, 96.7446,
108.6045

■ 43.9309, 34.8542,
8.2181

■ 41.7284, 31.1762,
5.2426

■ 39.9951, 28.0646,
3.5704

■ 39.4256, 27.0054,
3.1346

Harmonies

Analogous

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



66.9526, 62.8730, 56.2004



63.5496, 62.8730, 49.3437



59.2689, 62.8730, 47.3827

Triad

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



63.5496, 62.8730, 49.3437



51.8576, 62.8730, 69.8750



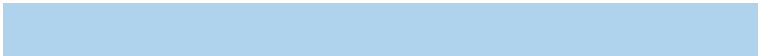
64.4405, 62.8730, 90.2605

Complementary

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



63.5496, 62.8730, 49.3437



56.2590, 61.8152, 89.0875

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.



60.2516, 62.8730, 95.0063



63.5496, 62.8730, 49.3437



53.0999, 62.8730, 82.3797

Square

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



63.5496, 62.8730, 49.3437



52.6470, 62.8730, 58.3647



56.1220, 62.8730, 91.9632



67.4841, 62.8730, 79.6527

Rectangle

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



63.5496, 62.8730, 49.3437



56.5261, 62.8730, 48.8937



56.1220, 62.8730, 91.9632



63.1126, 62.8730, 92.6484

Sweetspot

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



63.5513, 62.8759, 49.3450



88.2751, 91.4299, 91.2898



62.0344, 53.3767, 68.7714



18.6354, 19.2390, 18.8756



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.



63.5513, 62.8759, 49.3450



71.8981, 70.0457, 50.7791



71.4731, 78.7196, 51.9856



15.5846, 16.0923, 15.8034



21.6480, 14.9902, 1.7524



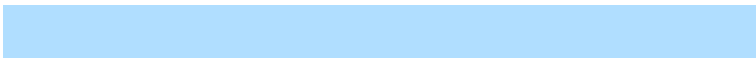
1.7931, 1.3635, 0.1687

Inverse Universe

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



56.2590, 61.8152, 89.0875



62.0230, 68.6039, 104.5807



49.3209, 47.9390, 86.7748



14.9576, 16.0017, 19.2225



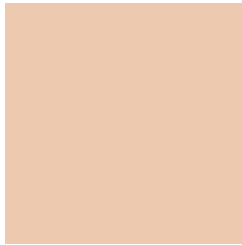
13.4086, 13.4642, 45.6351



1.1477, 1.2468, 3.6150

Previews

White Background



This preview shows how the XYZ color 63.5496, 62.8730, 49.3437 looks on a white background.

Color Contrast Check

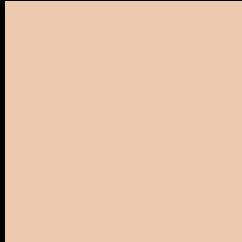
Large Text (above 18pt) WCAG AA × Fail

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 63.5496, 62.8730, 49.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

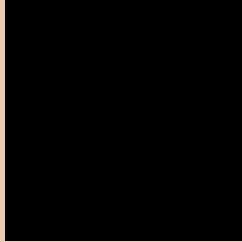
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5496, 62.8730, 49.3437

Background



This preview shows how black text looks on a background with the XYZ color 63.5496, 62.8730, 49.3437.



This preview shows how white text looks on a background with the XYZ color 63.5496, 62.8730,

49.3437.

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

63.5496, 62.8730, 49.3437

Protanopia

59.2621, 62.7454, 51.1071

Deuteranopia

64.3273, 62.9290, 49.3135



Tritanopia

67.7734, 62.8838, 70.1938

Trichromacy



Original Color

63.5496, 62.8730, 49.3437

Protanomaly

60.8185, 62.8445, 50.5197

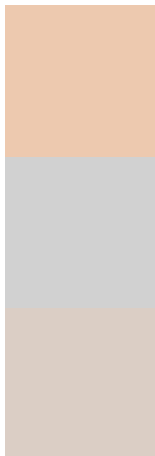
Deuteranomaly

63.9887, 62.7544, 49.2977

Tritanomaly

66.3223, 62.9906, 62.0889

Monochromacy



Original Color

63.5496, 62.8730, 49.3437

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.3628, 63.2339, 61.7945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5496, 62.8730, 49.3437 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(237, 201, 175)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 175)  
}
```

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(237, 201, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 175) }
```

Border

The CSS property to change the border of an element to XYZ 63.5496, 62.8730, 49.3437 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(237, 201, 175) }
```


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

```
.border{ border-color:rgb(237, 201, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 201, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 175);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5496, 62.8730, 49.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 175) }
```

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

```
.background{ background-color: rgb(237,  
201, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor