

Converting Colors

XYZ(62.8402, 63.0759, 44.5492)

Have a look what the booklet for
XYZ(62.8402, 63.0759, 44.5492)
contains.

XYZ(62.8371, 62.9622, 44.4384)	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(62.8371, 62.9622,
44.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCAA5
RGB	237, 202, 165
RGB Percent	93%, 79%, 65%
CMY	0.0706, 0.2078, 0.3529
CMYK	0.00, 0.15, 0.30, 0.07
HSL	31°, 67%, 79%
HSV	31°, 30%, 93%
XYZ	62.8371, 62.9622, 44.4384
YIQ	208.2470, 32.7370, -4.0870

Conversions

Conversions Part 2

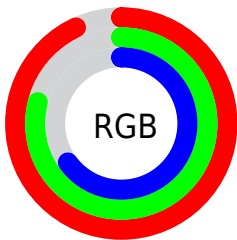
Format	Color
R _Y B	233, 237, 165
Decimal	15583909
CIE Lab	83.42, 7.03, 23.07
CIE LCh	83, 24.113, 73.051
Yxy	62.9622, 0.3691, 0.3698
Android (android.graphics.Color)	4293773989 (0xFFEDCAA5)
YUV	208.2470, -21.3208, 25.2164
Hunter-Lab	79.3487, 2.4958, 22.3394

Details

The XYZ color **62.8371, 62.9622, 44.4384** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4568, 55.4206, 88.1060**, and the grayscale version is **60.2350, 63.3719, 69.0120**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **32.3929, 32.0754, 20.1067** is the 20% darker color. If you saturate the color by 10%, you get **58.2744, 56.9748, 33.2430**, and if you desaturate by 10%, it is **68.0046, 69.5189, 57.8088**.

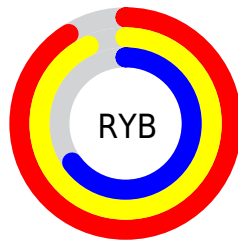
Distribution



Red (93%)

Green (79%)

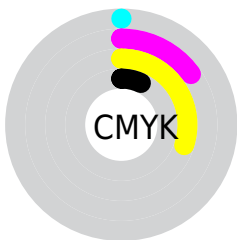
Blue (65%)



Red (91%)

Yellow (93%)

Blue (65%)

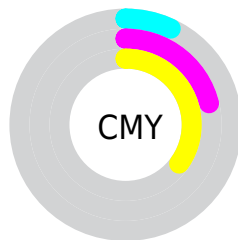


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (21%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8371, 62.9622, 44.4384 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 62.8371, 62.9622, 44.4384 by changing the saturation by 10% instead.


 62.8371, 62.9622,
44.4384


 62.8371, 62.9622,
44.4384


424.6471,
435.4323, 380.5879

 45.9676, 45.8106,
30.6756

 108.0176,
109.1150, 83.1865

 32.4248, 32.0964,
20.0956


 137.0593,
138.8850, 109.0089

 21.8433, 21.4352,
12.2798


170.8891,
173.6299, 139.6882

 13.8577, 13.4425,
6.8097

209.8723,
213.7341, 175.6430

 8.1028, 7.7339,
3.2667

254.3744,
259.5821, 217.2919

 4.2132, 3.9252,
1.2324

304.7607,

 1.8234, 1.6318,

311.5582, 265.0533

0.0054

361.3965,
370.0468, 319.3457

■ 0.5317, 0.3789,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8371, 62.9622,
44.4384

■ 62.8371, 62.9622,
44.4384

■ 58.2744, 56.9748,
33.2430

■ 68.0046, 69.5189,
57.8088

■ 54.2851, 51.5303,
24.1009

■ 73.7967, 76.6527,
73.4594

■ 50.8421, 46.6130,
16.8841

■ 80.2382, 84.3825,
91.4929

■ 47.9136, 42.2025,
11.4484

■ 86.5679, 92.4102,
107.8821

■ 45.4637, 38.2768,
7.6289

■ 88.7351, 96.7445,
108.6045

■ 43.4504, 34.8108,
5.2293

■ 41.8611, 31.8766,
3.9465

Harmonies

Analogous

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



67.5330, 62.9622, 50.6419



62.8371, 62.9622, 44.4384



57.5915, 62.9622, 44.0580

Triad

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



62.8371, 62.9622, 44.4384



50.5326, 62.9622, 75.2976



67.0077, 62.9622, 91.9432

Complementary

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



62.8371, 62.9622, 44.4384



51.4568, 55.4206, 88.1060

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.



62.1538, 62.9622, 100.7762



62.8371, 62.9622, 44.4384



52.7614, 62.9622, 90.2611

Square

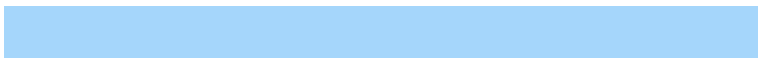
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.8371, 62.9622, 44.4384



50.6917, 62.9622, 60.4624



56.9469, 62.9622, 100.1190



70.0358, 62.9622, 77.3395

Rectangle

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



62.8371, 62.9622, 44.4384



54.5018, 62.9622, 47.0530



56.9469, 62.9622, 100.1190



65.5236, 62.9622, 95.7753

Sweetspot

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



62.8387, 62.9651, 44.4397



88.1168, 91.6974, 89.4363



58.9233, 49.1326, 61.6369



18.6335, 19.3514, 18.5165



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.



62.8387, 62.9651, 44.4397



71.0097, 70.1933, 44.5504



72.0010, 81.2897, 47.4938



15.7057, 16.3344, 15.8438



22.9867, 17.6677, 2.1987



1.9013, 1.5799, 0.2047

Inverse Universe

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



51.4568, 55.4206, 88.1060



55.7069, 60.0510, 103.2627



44.2590, 41.0249, 85.7068



14.8355, 15.7575, 19.1818



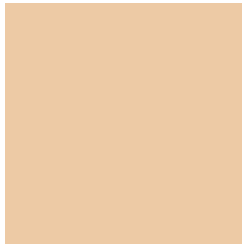
11.8352, 10.3173, 45.1106



1.0253, 1.0021, 3.5743

Previews

White Background



This preview shows how the XYZ color 62.8371, 62.9622, 44.4384 looks on a white background.

Color Contrast Check

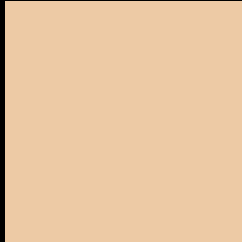
Large Text (above 18pt) WCAG AA × Fail

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 62.8371, 62.9622, 44.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

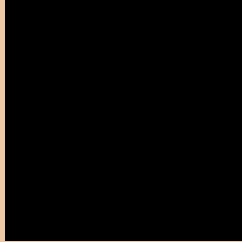
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8371, 62.9622, 44.4384

Background



This preview shows how black text looks on a background with the XYZ color 62.8371, 62.9622, 44.4384.



This preview shows how white text looks on a background with the XYZ color 62.8371, 62.9622,

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

62.8371, 62.9622, 44.4384

Protanopia

59.4426, 63.3111, 46.1331

Deuteranopia

64.4080, 63.0799, 44.3783



Tritanopia

68.1157, 63.0602, 70.2098

Trichromacy



Original Color

62.8371, 62.9622, 44.4384

Protanomaly

60.7249, 63.2635, 45.5698

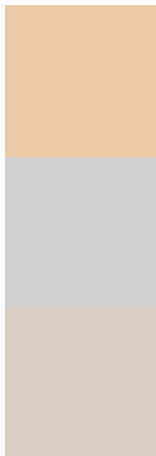
Deuteranomaly

63.9538, 63.1907, 44.4236

Tritanomaly

65.8669, 62.8085, 59.6906

Monochromacy



Original Color

62.8371, 62.9622, 44.4384

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.7992, 63.0085, 58.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8371, 62.9622, 44.4384 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, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(237, 202, 165)  
}
```

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, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 202, 165) }
```

Border

The CSS property to change the border of an element to XYZ 62.8371, 62.9622, 44.4384 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, 202, 165) }
```


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

```
.border{ border-color:rgb(237, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(237, 202,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8371, 62.9622, 44.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 202, 165) }
```

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

```
.background{ background-color: rgb(237,  
202, 165) }
```

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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