

Converting Colors

XYZ(62.2999, 62.4365, 49.4864)

Have a look what the booklet for
XYZ(62.2999, 62.4365, 49.4864)
contains.

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Color

**XYZ(62.4627, 62.6598,
49.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CAAF
RGB	233, 202, 175
RGB Percent	91%, 79%, 69%
CMY	0.0863, 0.2078, 0.3137
CMYK	0.00, 0.13, 0.25, 0.09
HSL	28°, 57%, 80%
HSV	28°, 25%, 91%
XYZ	62.4627, 62.6598, 49.3599
YIQ	208.1910, 27.1430, -1.8250

Conversions

Conversions Part 2

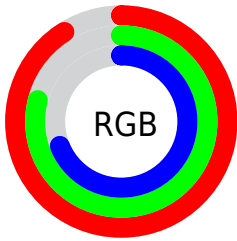
Format	Color
RYB	233, 226, 175
Decimal	15321775
CIELab	83.26, 6.85, 17.50
CIElCh	83, 18.797, 68.628
Yxy	62.6598, 0.3580, 0.3591
Android (android.graphics.Color)	4293511855 (0xFFE9CAAF)
YUV	208.1910, -16.3632, 21.7575
Hunter-Lab	79.1579, 2.3261, 18.4396

Details

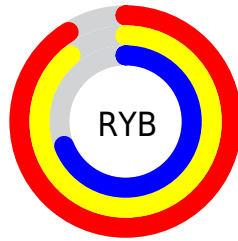
The XYZ color **62.4627, 62.6598, 49.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4582, 59.1384, 85.6358**, and the grayscale version is **60.1700, 63.3035, 68.9375**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **32.2342, 31.9321, 22.8769** is the 20% darker color. If you saturate the color by 10%, you get **57.5645, 56.2149, 37.3944**, and if you desaturate by 10%, it is **67.9948, 69.7399, 63.4862**.

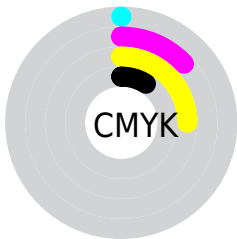
Distribution



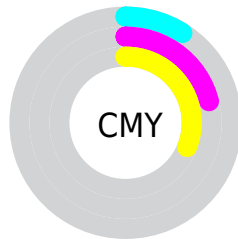
- Red (91%)
- Green (79%)
- Blue (69%)



- Red (91%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4627, 62.6598, 49.3599 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 62.4627, 62.6598, 49.3599 by changing the saturation by 10% instead.


 62.4627, 62.6598,
49.3599

 62.4627, 62.6598,
49.3599

423.3076,
434.3338, 400.8206

 45.6637, 45.5660,
34.5374


 107.4802,
108.6786, 90.6123

 32.1840, 31.9035,
23.0261


136.4293,
138.3724, 117.8793

 21.6583, 21.2878,
14.4073


170.1592,
173.0349, 150.1315

 13.7212, 13.3345,
8.2625

209.0352,
213.0507, 187.7876

 8.0074, 7.6593,
4.1732

253.4227,
258.8041, 231.2660

 4.1516, 3.8777,
1.7208

303.6871,

 1.7882, 1.6054,

310.6795, 280.9852

0.3750

360.1936,
369.0612, 337.3639

■ 0.5106, 0.3612,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4627, 62.6598,
49.3599

■ 62.4627, 62.6598,
49.3599

■ 57.5645, 56.2149,
37.3944

■ 67.9948, 69.7399,
63.4862

■ 53.2696, 50.3775,
27.4772

■ 74.1802, 77.4648,
79.8703

■ 49.5517, 45.1301,
19.4913

■ 81.0431, 85.8548,
98.6079

■ 46.3804, 40.4510,
13.3064

■ 86.4060, 94.0468,
108.2065

■ 43.7222, 36.3167,
8.7756

■ 87.4145, 96.0637,
108.5427

■ 41.5384, 32.7015,
5.7285

■ 39.7832, 29.5759,
3.9566

■ 39.0182, 28.1512,
3.3772

Harmonies

Analogous

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



65.9011, 62.6598, 55.1326



62.4627, 62.6598, 49.3599



58.3864, 62.6598, 48.3265

Triad

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



62.4627, 62.6598, 49.3599



52.1280, 62.6598, 71.6543



64.5920, 62.6598, 87.3373

Complementary

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



62.4627, 62.6598, 49.3599



54.4582, 59.1384, 85.6358

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.



60.7416, 62.6598, 92.9521



62.4627, 62.6598, 49.3599



53.6323, 62.6598, 83.2435

Square

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



62.4627, 62.6598, 49.3599



52.5417, 62.6598, 60.3574



56.7414, 62.6598, 91.3740



67.1690, 62.6598, 76.7501

Rectangle

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



62.4627, 62.6598, 49.3599



55.8740, 62.6598, 50.3353



56.7414, 62.6598, 91.3740



63.3968, 62.6598, 89.9208

Sweetspot

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



62.4644, 62.6627, 49.3612



89.3400, 92.9672, 93.4715



60.1852, 52.4845, 65.9265



19.0212, 19.7731, 19.7363



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.



62.4644, 62.6627, 49.3612



73.4026, 72.6473, 52.5368



69.6673, 77.0686, 51.7622



15.6436, 16.2101, 15.8231



22.2611, 16.2165, 1.9568



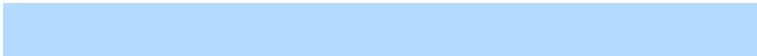
1.8435, 1.4643, 0.1855

Inverse Universe

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



54.4582, 59.1384, 85.6358



61.9564, 67.6069, 104.3917



48.2885, 46.7991, 83.5793



14.8978, 15.8821, 19.2026



12.5976, 11.8423, 45.3648



1.0854, 1.1222, 3.5943

Previews

White Background



This preview shows how the XYZ color 62.4627, 62.6598, 49.3599 looks on a white background.

Color Contrast Check

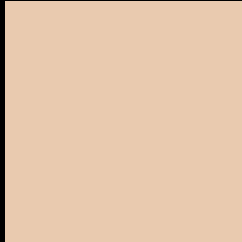
Large Text (above 18pt) WCAG AA × Fail

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 62.4627, 62.6598, 49.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

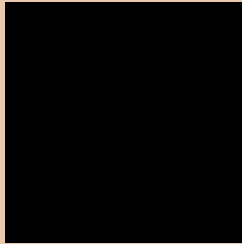
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4627, 62.6598, 49.3599

Background



This preview shows how black text looks on a background with the XYZ color 62.4627, 62.6598, 49.3599.



This preview shows how white text looks on a background with the XYZ color 62.4627, 62.6598,

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

62.4627, 62.6598, 49.3599

Protanopia

59.1621, 62.7054, 50.5801

Deuteranopia

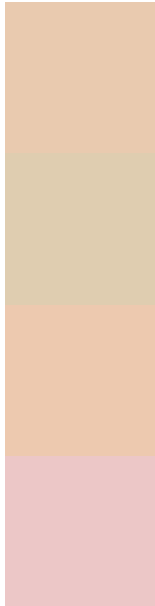
63.9887, 62.7544, 49.2977



Tritanopia

66.7750, 62.6905, 70.8684

Trichromacy



Original Color

62.4627, 62.6598, 49.3599

Protanomaly

60.0992, 62.4852, 49.9676

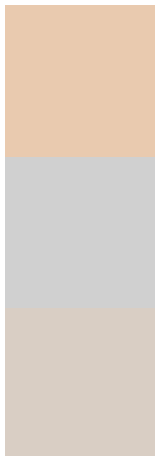
Deuteranomaly

63.5496, 62.8730, 49.3437

Tritanomaly

65.3243, 62.8032, 62.7121

Monochromacy



Original Color

62.4627, 62.6598, 49.3599

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.6504, 62.8798, 61.1650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4627, 62.6598, 49.3599 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(233, 202, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 202, 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(233, 202, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 202, 175) }
```

Border

The CSS property to change the border of an element to XYZ 62.4627, 62.6598, 49.3599 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(233, 202, 175) }
```


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

```
.border{ border-color:rgb(233, 202, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 202, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 202, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 202, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 202,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4627, 62.6598, 49.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 202, 175) }
```

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

```
.background{ background-color: rgb(233,  
202, 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](#).

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