

Converting Colors

XYZ(62.6435, 63.4879, 47.9825)

Have a look what the booklet for
XYZ(62.6435, 63.4879, 47.9825)
contains.

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Color

**XYZ(62.6435, 63.4879,
47.9825)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CCAC
RGB	233, 204, 172
RGB Percent	91%, 80%, 67%
CMY	0.0863, 0.2000, 0.3255
CMYK	0.00, 0.12, 0.26, 0.09
HSL	31°, 58%, 79%
HSV	31°, 26%, 91%
XYZ	62.6435, 63.4879, 47.9825
YIQ	209.0230, 27.5560, -3.8040

Conversions

Conversions Part 2

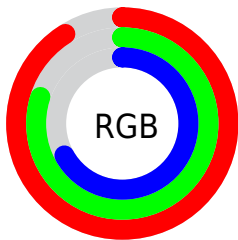
Format	Color
R_{YB}	227, 233, 172
Decimal	15322284
CIE _{Lab}	83.70, 5.39, 19.70
CIE _{LCh}	84, 20.422, 74.690
Yxy	63.4879, 0.3598, 0.3646
Android (android.graphics.Color)	4293512364 (0xFFE9CCAC)
YUV	209.0230, -18.2523, 21.0278
Hunter-Lab	79.6793, 0.8971, 20.0713

Details

The XYZ color **62.6435, 63.4879, 47.9825** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.6074, 56.4256, 85.2095**, and the grayscale version is **60.7234, 63.8858, 69.5716**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **32.4280, 32.5159, 22.3364** is the 20% darker color. If you saturate the color by 10%, you get **58.0600, 57.5933, 36.3656**, and if you desaturate by 10%, it is **67.8099, 69.9196, 61.7307**.

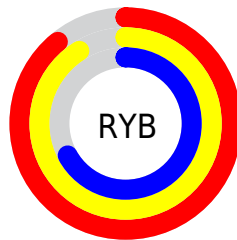
Distribution



Red (91%)

Green (80%)

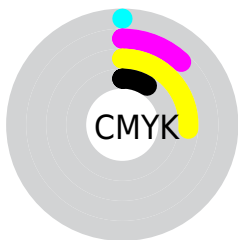
Blue (67%)



Red (89%)

Yellow (91%)

Blue (67%)

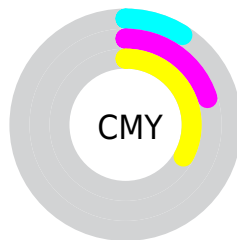


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (9%)



Cyan (9%)

Magenta (20%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6435, 63.4879, 47.9825 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 62.6435, 63.4879, 47.9825 by changing the saturation by 10% instead.


 62.6435, 63.4879,
47.9825

 62.6435, 63.4879,
47.9825


423.9548,
437.3380, 395.2295

 45.8104, 46.2360,
33.4531


 107.7397,
109.8731, 88.5436

 32.3002, 32.4321,
22.1998


136.7336,
139.7752, 115.4125

 21.7476, 21.6918,
13.8041


170.5118,
174.6629, 147.2315

 13.7871, 13.6306,
7.8473

209.4396,
214.9205, 184.4194

 8.0535, 7.8642,
3.9111

253.8825,
260.9324, 227.3946

 4.1813, 4.0082,
1.5767

304.2057,

 1.8052, 1.6781,

313.0830, 276.5756

0.2741

360.7747,
371.7568, 332.3811

■ 0.5208, 0.4094,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6435, 63.4879,
47.9825

■ 62.6435, 63.4879,
47.9825

■ 58.0600, 57.5933,
36.3656

■ 67.8099, 69.9196,
61.7307

■ 54.0301, 52.2113,
26.7670

■ 73.5770, 76.8949,
77.7076

■ 50.5291, 47.3278,
19.0689

■ 79.9679, 84.4311,
96.0092

■ 47.5281, 42.9247,
13.1396

■ 85.3161, 91.8672,
107.8432

■ 44.9950, 38.9823,
8.8306

■ 87.4144, 96.0637,
108.5427

■ 42.8925, 35.4784,
5.9683

■ 41.1754, 32.3878,
4.3369

■ 40.5944, 31.3037,
3.9027

Harmonies

Analogous

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



66.6684, 63.4879, 53.2074



62.6435, 63.4879, 47.9825



58.1879, 63.4879, 47.9285

Triad

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



62.6435, 63.4879, 47.9825



52.3982, 63.4879, 75.5658



66.5981, 63.4879, 88.1646

Complementary

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



62.6435, 63.4879, 47.9825



52.6074, 56.4256, 85.2095

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.



62.5514, 63.4879, 95.8046



62.6435, 63.4879, 47.9825



54.4316, 63.4879, 87.9433

Square

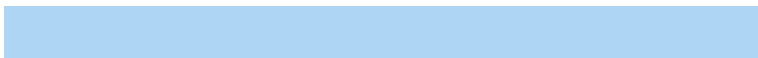
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6435, 63.4879, 47.9825



52.4201, 63.4879, 62.8240



58.1002, 63.4879, 95.7189



69.0273, 63.4879, 75.8392

Rectangle

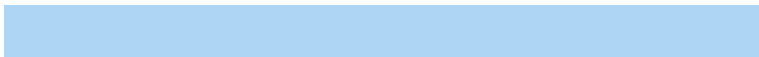
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6435, 63.4879, 47.9825



55.5782, 63.4879, 50.7833



58.1002, 63.4879, 95.7189



65.3733, 63.4879, 91.4298

Sweetspot

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



62.6452, 63.4908, 47.9838



88.9219, 92.7235, 91.5054



58.9569, 51.0693, 62.3075



18.7981, 19.5644, 18.9299



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.



62.6452, 63.4908, 47.9838



73.9941, 74.2378, 51.4778



69.8589, 78.4097, 50.4832



15.7195, 16.3620, 15.8484



23.1592, 18.0127, 2.2562



1.9148, 1.6069, 0.2092

Inverse Universe

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



52.6074, 56.4256, 85.2095



59.8697, 64.2973, 103.8629



46.6985, 44.2753, 83.1757



14.8218, 15.7300, 19.1773



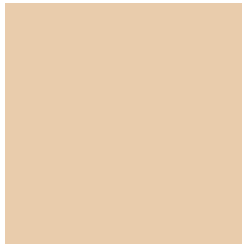
11.6781, 10.0032, 45.0583



1.0127, 0.9770, 3.5701

Previews

White Background



This preview shows how the XYZ color 62.6435, 63.4879, 47.9825 looks on a white background.

Color Contrast Check

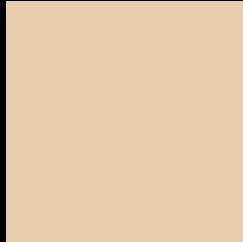
Large Text (above 18pt) WCAG AA × Fail

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 62.6435, 63.4879, 47.9825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

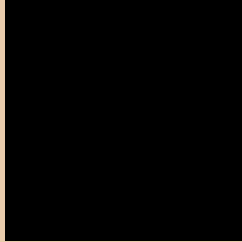
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6435, 63.4879, 47.9825

Background



This preview shows how black text looks on a background with the XYZ color 62.6435, 63.4879, 47.9825.



This preview shows how white text looks on a background with the XYZ color 62.6435, 63.4879,

47.9825.

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

62.6435, 63.4879, 47.9825

Protanopia

59.7111, 63.3834, 49.1315

Deuteranopia

65.0474, 63.6677, 48.3959



Tritanopia

67.5916, 63.4203, 72.2972

Trichromacy



Original Color

62.6435, 63.4879, 47.9825

Protanomaly

60.9070, 63.6503, 48.6108

Deuteranomaly

64.2600, 63.6089, 48.4260

Tritanomaly

65.5552, 63.2649, 62.7891

Monochromacy



Original Color

62.6435, 63.4879, 47.9825

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.1901, 63.5166, 61.2594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6435, 63.4879, 47.9825 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, 204, 172)` looks like.

```
.text, #text, p{  
    color:rgb(233, 204, 172)  
}
```

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, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 204, 172) }
```

Border

The CSS property to change the border of an element to XYZ 62.6435, 63.4879, 47.9825 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, 204, 172) }
```


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

```
.border{ border-color:rgb(233, 204, 172) }
```

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

Here you see how a box with a 4 pixel rgb(233, 204, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 204, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 204, 172);  
box-shadow:4px 4px 4px 4px rgb(233, 204,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6435, 63.4879, 47.9825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 204, 172) }
```

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

```
.background{ background-color: rgb(233,  
204, 172) }
```

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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