

Converting Colors

XYZ(62.5859, 64.5046, 49.1964)

Have a look what the booklet for
XYZ(62.5859, 64.5046, 49.1964)
contains.

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Color

**XYZ(62.5859, 64.5046,
49.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CFAE
RGB	230, 207, 174
RGB Percent	90%, 81%, 68%
CMY	0.0980, 0.1882, 0.3176
CMYK	0.00, 0.10, 0.24, 0.10
HSL	35°, 53%, 79%
HSV	35°, 24%, 90%
XYZ	62.5859, 64.5046, 49.1964
YIQ	210.1150, 24.3010, -5.3870

Conversions

Conversions Part 2

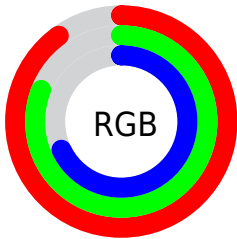
Format	Color
R_{YB}	213, 230, 174
Decimal	15126446
CIE _{Lab}	84.23, 2.98, 19.34
CIE _{LCh}	84, 19.565, 81.248
Yxy	64.5046, 0.3550, 0.3659
Android (android.graphics.Color)	4293316526 (0xFFE6CFAE)
YUV	210.1150, -17.8047, 17.4391
Hunter-Lab	80.3148, -1.4533, 19.9025

Details

The XYZ color **62.5859, 64.5046, 49.1964** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7043, 54.6429, 82.6852**, and the grayscale version is **61.4375, 64.6371, 70.3898**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **32.2980, 33.1616, 22.7877** is the 20% darker color. If you saturate the color by 10%, you get **58.3132, 59.2453, 37.6409**, and if you desaturate by 10%, it is **67.3828, 70.1971, 62.8223**.

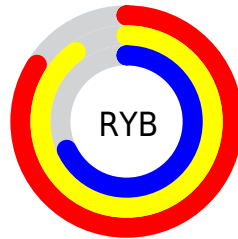
Distribution



Red (90%)

Green (81%)

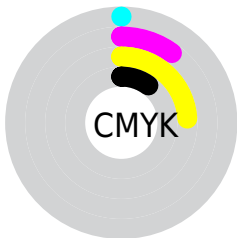
Blue (68%)



Red (84%)

Yellow (90%)

Blue (68%)

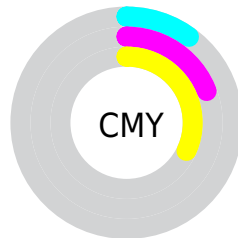


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5859, 64.5046, 49.1964 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 62.5859, 64.5046, 49.1964 by changing the saturation by 10% instead.

62.5859, 64.5046,
49.1964

62.5859, 64.5046,
49.1964

423.7486,
441.0096, 400.1597

45.7637, 47.0595,
34.4086

107.6570,
111.3373, 90.3671

32.2632, 33.0827,
22.9278

136.6367,
141.4937, 117.5871

21.7191, 22.1898,
14.3354

170.3995,
176.6560, 149.7882

13.7661, 13.9964,
8.2129

209.3108,
217.2086, 187.3889

8.0388, 8.1182,
4.1418

253.7361,
263.5358, 230.8079

4.1718, 4.1707,
1.7034

304.0405,

1.7998, 1.7695,

316.0222, 280.4637

0.3631

360.5896,
375.0519, 336.7748

■ 0.5175, 0.4680,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5859, 64.5046,
49.1964

■ 62.5859, 64.5046,
49.1964

■ 58.3132, 59.2453,
37.6409

■ 67.3828, 70.1971,
62.8223

■ 54.5378, 54.3980,
28.0480

■ 72.7195, 76.3259,
78.6110

■ 51.2376, 49.9520,
20.3062

■ 78.6167, 82.9053,
96.6542

■ 48.3867, 45.8930,
14.2909

■ 83.2702, 89.2170,
107.4395

■ 45.9560, 42.2054,
9.8622

■ 86.1975, 95.0715,
108.4153

■ 43.9122, 38.8714,
6.8577

■ 86.4432, 95.5631,
108.4972

■ 42.2152, 35.8707,
5.0796

■ 41.3749, 34.3064,
4.4411

Harmonies

Analogous

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



66.6730, 64.5046, 53.2245



62.5859, 64.5046, 49.1964



58.3402, 64.5046, 50.2640

Triad

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



62.5859, 64.5046, 49.1964



53.8692, 64.5046, 79.2396



68.0379, 64.5046, 86.2505

Complementary

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



62.5859, 64.5046, 49.1964



51.7043, 54.6429, 82.6852

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.



64.3783, 64.5046, 94.8976



62.5859, 64.5046, 49.1964



56.2420, 64.5046, 90.5299

Square

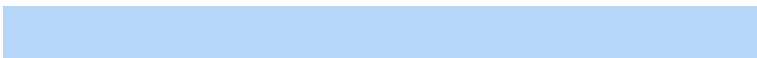
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.5859, 64.5046, 49.1964



53.4399, 64.5046, 66.6668



60.0509, 64.5046, 96.5496



69.9165, 64.5046, 73.9273

Rectangle

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



62.5859, 64.5046, 49.1964



55.9800, 64.5046, 53.7817



60.0509, 64.5046, 96.5496



66.9673, 64.5046, 89.7412

Sweetspot

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



62.5876, 64.5075, 49.1977



90.0141, 94.3154, 93.6962



57.8860, 51.1424, 59.8450



19.1773, 20.0853, 19.7883



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.



62.5876, 64.5075, 49.1977



76.4120, 78.2510, 54.8196



67.0926, 75.7111, 51.1228



15.0794, 15.7728, 15.1541



23.5473, 19.6687, 2.5554



1.8310, 1.6353, 0.2191

Inverse Universe

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



51.7043, 54.6429, 82.6852



60.5155, 63.8453, 103.7416



47.9332, 45.5302, 81.1250



14.0664, 14.8543, 18.2701



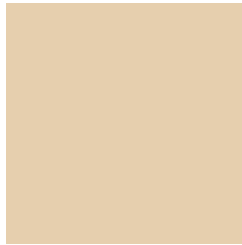
10.4883, 8.0387, 43.3820



0.8646, 0.7732, 3.2356

Previews

White Background



This preview shows how the XYZ color 62.5859, 64.5046, 49.1964 looks on a white background.

Color Contrast Check

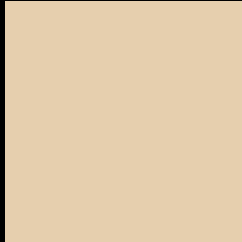
Large Text (above 18pt) WCAG AA × Fail

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 62.5859, 64.5046, 49.1964 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 62.5859, 64.5046, 49.1964

Background



This preview shows how black text looks on a background with the XYZ color 62.5859, 64.5046, 49.1964.



This preview shows how white text looks on a background with the XYZ color 62.5859, 64.5046,

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

62.5859, 64.5046, 49.1964

Protanopia

60.9087, 64.7179, 49.8390

Deuteranopia

65.8205, 64.3909, 49.5170



Tritanopia

67.6720, 64.4452, 74.5181

Trichromacy



Original Color

62.5859, 64.5046, 49.1964

Protanomaly

61.5897, 64.7036, 49.8004

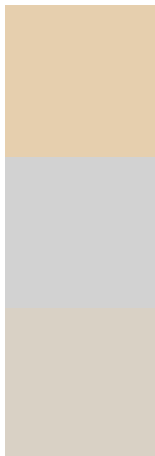
Deuteranomaly

64.5906, 64.4580, 49.5948

Tritanomaly

65.5028, 64.2526, 64.2080

Monochromacy



Original Color

62.5859, 64.5046, 49.1964

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.4938, 64.3839, 62.0096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5859, 64.5046, 49.1964 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(230, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 174)  
}
```

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(230, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 174) }
```

Border

The CSS property to change the border of an element to XYZ 62.5859, 64.5046, 49.1964 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(230, 207, 174) }
```


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

```
.border{ border-color:rgb(230, 207, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 207, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5859, 64.5046, 49.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 174) }
```

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

```
.background{ background-color: rgb(230,  
207, 174) }
```

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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