

Converting Colors

XYZ(62.7470, 65.0672, 49.5908)

Have a look what the booklet for
XYZ(62.7470, 65.0672, 49.5908)
contains.

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Color

**XYZ(62.6068, 64.8649,
49.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D0AF
RGB	229, 208, 175
RGB Percent	90%, 82%, 69%
CMY	0.1020, 0.1843, 0.3137
CMYK	0.00, 0.09, 0.24, 0.10
HSL	37°, 51%, 79%
HSV	37°, 24%, 90%
XYZ	62.6068, 64.8649, 49.7779
YIQ	210.5170, 23.1090, -5.8110

Conversions

Conversions Part 2

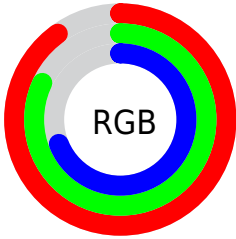
Format	Color
RYB	209, 229, 175
Decimal	15061167
CIELab	84.41, 2.22, 19.06
CIELCh	84, 19.185, 83.348
Yxy	64.8649, 0.3532, 0.3660
Android (android.graphics.Color)	4293251247 (0xFFE5D0AF)
YUV	210.5170, -17.5099, 16.2096
Hunter-Lab	80.5387, -2.1858, 19.7323

Details

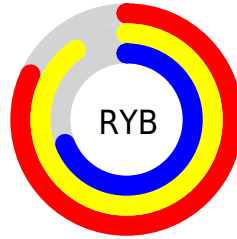
The XYZ color **62.6068, 64.8649, 49.7779** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5616, 54.2495, 81.8826**, and the grayscale version is **61.7008, 64.9141, 70.6914**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **32.3020, 33.4006, 23.1568** is the 20% darker color. If you saturate the color by 10%, you get **58.4360, 59.8223, 38.2164**, and if you desaturate by 10%, it is **67.2844, 70.3097, 63.3916**.

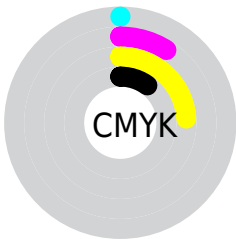
Distribution



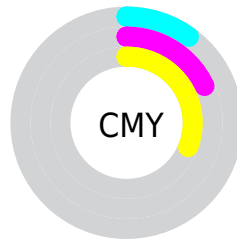
- Red (90%)
- Green (82%)
- Blue (69%)



- Red (82%)
- Yellow (90%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6068, 64.8649, 49.7779 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 62.6068, 64.8649, 49.7779 by changing the saturation by 10% instead.


 62.6068, 64.8649,
49.7779

 62.6068, 64.8649,
49.7779


423.8234,
442.3063, 402.5069

 45.7806, 47.3515,
34.8670


 107.6870,
111.8556, 91.2386

 32.2766, 33.3136,
23.2777


136.6718,
142.1017, 118.6256

 21.7295, 22.3668,
14.5915


170.4402,
177.3609, 151.0082

 13.7737, 14.1267,
8.3898

209.3576,
218.0175, 188.8052

 8.0441, 8.2088,
4.2540

253.7892,
264.4560, 232.4350

 4.1752, 4.2289,
1.7657

304.1005,

 1.8017, 1.8024,

317.0607, 282.3162

0.4052

360.6568,
376.2160, 338.8673

■ 0.5187, 0.4887,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6068, 64.8649,
49.7779

■ 62.6068, 64.8649,
49.7779

■ 58.4360, 59.8223,
38.2164

■ 67.2844, 70.3097,
63.3916

■ 54.7456, 55.1615,
28.6011

■ 72.4834, 76.1589,
79.1481

■ 51.5144, 50.8729,
20.8224

■ 78.2242, 82.4259,
97.1377

■ 48.7173, 46.9432,
14.7584

■ 82.5996, 88.3508,
107.3077

■ 46.3262, 43.3578,
10.2720

■ 85.3381, 93.8280,
108.2205

■ 44.3090, 40.1002,
7.2050

■ 86.1232, 95.3981,
108.4822

■ 42.6271, 37.1513,
5.3651

■ 41.6862, 35.4041,
4.6366

Harmonies

Analogous

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



66.6770, 64.8649, 53.4147



62.6068, 64.8649, 49.7779



58.4598, 64.8649, 51.1884

Triad

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



62.6068, 64.8649, 49.7779



54.4271, 64.8649, 80.3467



68.4662, 64.8649, 85.5911

Complementary

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



62.6068, 64.8649, 49.7779



51.5616, 54.2495, 81.8826

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.



64.9587, 64.8649, 94.4519



62.6068, 64.8649, 49.7779



56.8863, 64.8649, 91.1884

Square

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



62.6068, 64.8649, 49.7779



53.8621, 64.8649, 67.9415



60.7072, 64.8649, 96.6099



70.1592, 64.8649, 73.3820

Rectangle

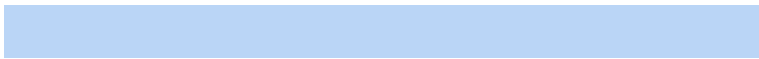
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6068, 64.8649, 49.7779



56.1940, 64.8649, 54.8912



60.7072, 64.8649, 96.6099



67.4527, 64.8649, 89.1145

Sweetspot

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



62.6085, 64.8678, 49.7793



90.1338, 94.5549, 93.7361



57.6759, 51.3316, 59.4522



19.2050, 20.1408, 19.7976



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.



62.6085, 64.8678, 49.7793



77.3846, 79.7734, 56.4471



66.3742, 74.9175, 51.5206



15.1065, 15.8269, 15.1632



23.9543, 20.4828, 2.6910



1.8597, 1.6928, 0.2287

Inverse Universe

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



51.5616, 54.2495, 81.8826



61.1053, 64.1287, 103.7652



48.3892, 46.0694, 80.4708



14.0401, 14.8015, 18.2613



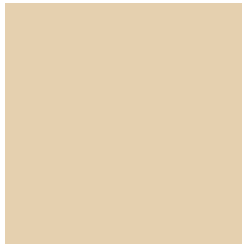
10.2390, 7.5402, 43.2989



0.8447, 0.7333, 3.2290

Previews

White Background



This preview shows how the XYZ color 62.6068, 64.8649, 49.7779 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 62.6068, 64.8649, 49.7779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

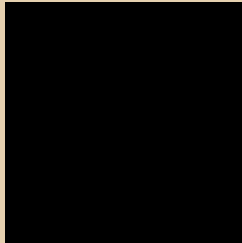
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6068, 64.8649, 49.7779

Background



This preview shows how black text looks on a background with the XYZ color 62.6068, 64.8649, 49.7779.



This preview shows how white text looks on a background with the XYZ color 62.6068, 64.8649,

49.7779.

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

62.6068, 64.8649, 49.7779

Protanopia

61.0073, 64.7574, 50.3583

Deuteranopia

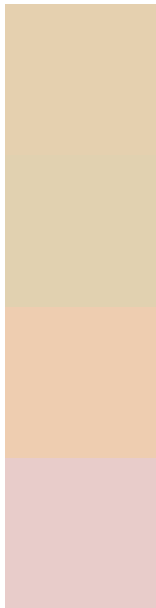
66.1546, 64.9011, 50.1147



Tritanopia

67.7071, 64.7954, 75.2679

Trichromacy



Original Color

62.6068, 64.8649, 49.7779

Protanomaly

61.6883, 64.7431, 50.3196

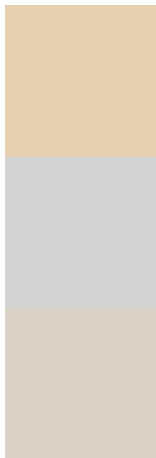
Deuteranomaly

64.9277, 64.9744, 50.1935

Tritanomaly

65.5322, 64.6058, 64.8934

Monochromacy



Original Color

62.6068, 64.8649, 49.7779

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.1531, 65.0758, 62.7112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6068, 64.8649, 49.7779 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(229, 208, 175)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 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(229, 208, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 175) }
```

Border

The CSS property to change the border of an element to XYZ 62.6068, 64.8649, 49.7779 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(229, 208, 175) }
```


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

```
.border{ border-color:rgb(229, 208, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 208, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 208, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 208, 175);  
box-shadow:4px 4px 4px 4px rgb(229, 208,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6068, 64.8649, 49.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 208, 175) }
```

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

```
.background{ background-color: rgb(229,  
208, 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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