

Converting Colors

XYZ(62.2337, 64.4282, 61.6551)

Have a look what the booklet for
XYZ(62.2337, 64.4282, 61.6551)
contains.

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Color

**XYZ(62.0349, 64.3129,
61.3686)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD0C4
RGB	220, 208, 196
RGB Percent	86%, 82%, 77%
CMY	0.1373, 0.1843, 0.2314
CMYK	0.00, 0.05, 0.11, 0.14
HSL	30°, 26%, 82%
HSV	30°, 11%, 86%
XYZ	62.0349, 64.3129, 61.3686
YIQ	210.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

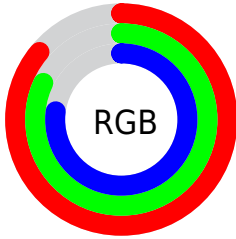
Format	Color
R_{YB}	220, 220, 196
Decimal	14471364
CIE _{Lab}	84.13, 2.13, 7.43
CIE _{LCh}	84, 7.727, 74.037
Yxy	64.3129, 0.3305, 0.3426
Android (android.graphics.Color)	4292661444 (0xFFDCD0C4)
YUV	210.2200, -7.0105, 8.5771
Hunter-Lab	80.1953, -2.2636, 10.7657

Details

The XYZ color **62.0349, 64.3129, 61.3686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2390, 62.0138, 76.6112**, and the grayscale version is **61.4441, 64.6440, 70.3973**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **31.9551, 33.0635, 30.2889** is the 20% darker color. If you saturate the color by 10%, you get **57.1239, 58.2084, 48.2697**, and if you desaturate by 10%, it is **67.5026, 70.9418, 76.4662**.

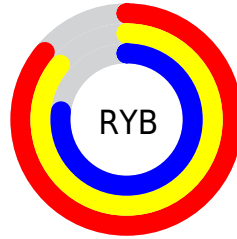
Distribution



Red (86%)

Green (82%)

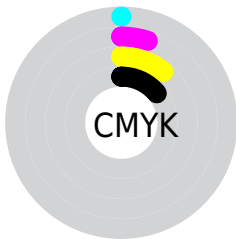
Blue (77%)



Red (86%)

Yellow (86%)

Blue (77%)

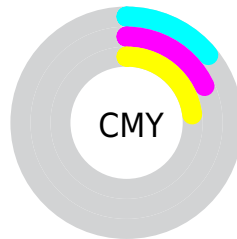


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0349, 64.3129, 61.3686 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 62.0349, 64.3129, 61.3686 by changing the saturation by 10% instead.

62.0349, 64.3129,
61.3686

62.0349, 64.3129,
61.3686

421.7739,
440.3187, 447.5681

45.3166, 46.9042,
44.0902

106.8656,
111.0614, 108.3752

31.9092, 32.9599,
30.4037

135.7088,
141.1700, 138.9405

21.4474, 22.0957,
19.8906

169.3242,
176.2807, 174.7718

13.5657, 13.9272,
12.1322

208.0774,
216.7778, 216.2877

7.8989, 8.0701,
6.7102

252.3336,
263.0457, 263.9068

4.0816, 4.1398,
3.2058

302.4581,

1.7484, 1.7521,

315.4690, 318.0475

1.2007

358.8165,
374.4318, 379.1284

■ 0.4863, 0.4570,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0349, 64.3129,
61.3686

■ 62.0349, 64.3129,
61.3686

■ 57.1239, 58.2084,
48.2697

■ 67.5026, 70.9418,
76.4662

■ 52.7447, 52.6059,
37.0804

■ 73.5402, 78.0997,
93.6382

■ 48.8780, 47.4938,
27.7106

■ 79.0192, 85.3431,
106.9159

■ 45.5013, 42.8565,
20.0616

■ 82.3731, 92.0509,
108.0338

■ 42.5903, 38.6778,
14.0251

■ 83.3255, 93.9558,
108.3513

■ 40.1180, 34.9400,
9.4803

■ 38.0538, 31.6238,
6.2889

■ 36.3624, 28.7075,
4.2864

■ 35.0954, 26.3757,
3.2413

Harmonies

Analogous

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



63.5184, 64.3129, 63.6906



62.0349, 64.3129, 61.3686



60.3345, 64.3129, 61.2937

Triad

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



62.0349, 64.3129, 61.3686



57.9972, 64.3129, 72.3315



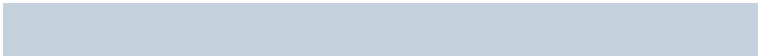
63.4384, 64.3129, 77.0056

Complementary

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



62.0349, 64.3129, 61.3686



58.2390, 62.0138, 76.6112

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.



61.9273, 64.3129, 79.5502



62.0349, 64.3129, 61.3686



58.7974, 64.3129, 76.7678

Square

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



62.0349, 64.3129, 61.3686



58.0248, 64.3129, 67.4715



60.2290, 64.3129, 79.4612



64.3389, 64.3129, 72.6438

Rectangle

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



62.0349, 64.3129, 61.3686



59.3080, 64.3129, 62.5190



60.2290, 64.3129, 79.4612



62.9838, 64.3129, 78.1107

Sweetspot

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



62.0367, 64.3157, 61.3700



92.6349, 97.1016, 102.1392



60.6411, 59.2505, 67.9157



19.6921, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



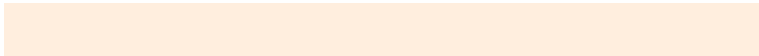
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.0367, 64.3157, 61.3700



85.1047, 87.9259, 81.4878



65.0730, 70.3884, 62.3821



13.5914, 14.1222, 13.7351



20.7084, 15.7025, 1.9394



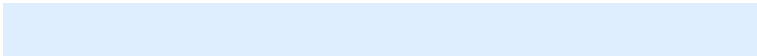
1.4278, 1.1896, 0.1544

Inverse Universe

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



58.2390, 62.0138, 76.6112



78.8251, 84.1196, 106.6899



55.4240, 56.3839, 75.6729



12.8737, 13.6871, 16.6155



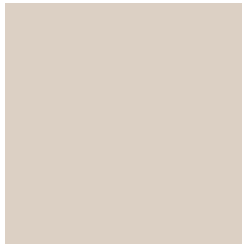
10.9632, 9.7959, 41.0514



0.7964, 0.8070, 2.6882

Previews

White Background



This preview shows how the XYZ color 62.0349, 64.3129, 61.3686 looks on a white background.

Color Contrast Check

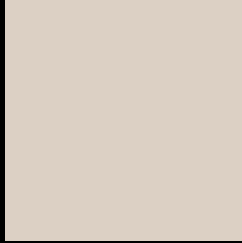
Large Text (above 18pt) WCAG AA × Fail

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 62.0349, 64.3129, 61.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

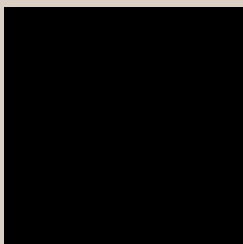
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

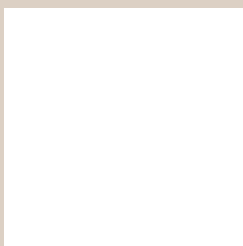
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0349, 64.3129, 61.3686

Background



This preview shows how black text looks on a background with the XYZ color 62.0349, 64.3129, 61.3686.

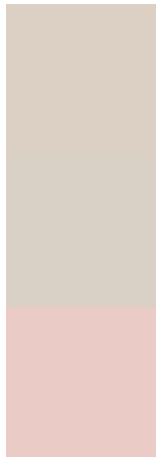


This preview shows how white text looks on a background with the XYZ color 62.0349, 64.3129,

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

62.0349, 64.3129, 61.3686

Protanopia

61.4938, 64.3839, 62.0096

Deuteranopia

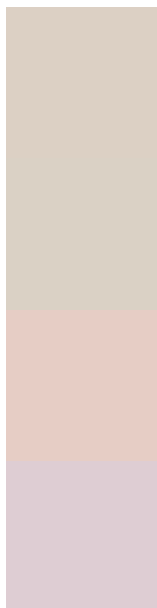
65.6949, 64.4053, 61.7923



Tritanopia

64.9426, 64.0410, 76.6485

Trichromacy



Original Color

62.0349, 64.3129, 61.3686

Protanomaly

61.7920, 64.5376, 62.0235

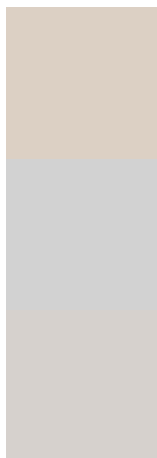
Deuteranomaly

64.5425, 64.5169, 61.8746

Tritanomaly

63.7134, 63.8954, 70.6030

Monochromacy



Original Color

62.0349, 64.3129, 61.3686

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.5515, 64.3048, 66.9256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0349, 64.3129, 61.3686 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(220, 208, 196) looks like.

```
.text, #text, p{  
    color:rgb(220, 208, 196)  
}
```

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(220, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 208, 196) }
```

Border

The CSS property to change the border of an element to XYZ 62.0349, 64.3129, 61.3686 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(220, 208, 196) }
```


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

```
.border{ border-color:rgb(220, 208, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 208, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(220, 208,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0349, 64.3129, 61.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 208, 196) }
```

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

```
.background{ background-color: rgb(220,  
208, 196) }
```

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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