

Converting Colors

XYZ(63.9171, 68.0596, 62.4042)

Have a look what the booklet for
XYZ(63.9171, 68.0596, 62.4042)
contains.

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Color

**XYZ(64.1491, 68.3586,
62.6368)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD8C5
RGB	220, 216, 197
RGB Percent	86%, 85%, 77%
CMY	0.1373, 0.1529, 0.2274
CMYK	0.00, 0.02, 0.10, 0.14
HSL	50°, 25%, 82%
HSV	50°, 10%, 86%
XYZ	64.1491, 68.3586, 62.6368
YIQ	215.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

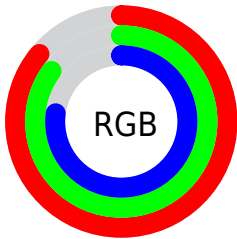
Format	Color
RYB	202, 220, 197
Decimal	14473413
CIELab	86.19, -1.87, 9.85
CIELCh	86, 10.022, 100.750
Yxy	68.3586, 0.3287, 0.3503
Android (android.graphics.Color)	4292663493 (0xFFD8CD8C5)
YUV	215.0300, -8.8888, 4.3587
Hunter-Lab	82.6793, -6.1943, 12.9581

Details

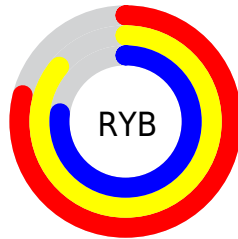
The XYZ color **64.1491, 68.3586, 62.6368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8307, 58.8098, 76.0669**, and the grayscale version is **64.6675, 68.0352, 74.0903**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **33.2198, 35.4722, 31.0826** is the 20% darker color. If you saturate the color by 10%, you get **60.8429, 65.4898, 49.9922**, and if you desaturate by 10%, it is **67.8498, 71.4262, 77.2296**.

Distribution



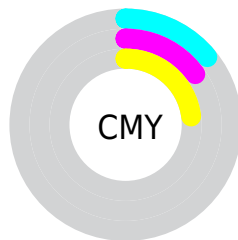
- Red (86%)
- Green (85%)
- Blue (77%)



- Red (79%)
- Yellow (86%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1491, 68.3586, 62.6368 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 64.1491, 68.3586, 62.6368 by changing the saturation by 10% instead.

■ 64.1491, 68.3586,
62.6368

■ 64.1491, 68.3586,
62.6368

429.3216,
454.7655, 452.3218

■ 47.0336, 50.1895,
45.1083

109.8982,
116.8650, 110.2259

■ 33.2703, 35.5640,
31.1992

139.2624,
147.9711, 141.1235

■ 22.4938, 24.0977,
20.4908

173.4403,
184.1584, 177.3147

■ 14.3388, 15.4061,
12.5647

212.7972,
225.8112, 219.2179

■ 8.4400, 9.1049,
7.0023

257.6984,
273.3139, 267.2517

■ 4.4319, 4.8097,
3.3851

308.5093,

■ 1.9493, 2.1360,

327.0509, 321.8345

1.2945

365.5952,
387.4066, 383.3851

■ 0.6052, 0.6848,
0.0572

■ 0.0000, 0.0000,
0.0000

■ 64.1491, 68.3586,
62.6368

■ 64.1491, 68.3586,
62.6368

■ 60.8429, 65.4898,
49.9922

■ 67.8498, 71.4262,
77.2296

■ 57.9095, 62.8040,
39.2078

■ 71.9544, 74.6897,
93.8446

■ 55.3337, 60.2973,
30.1953

■ 75.1636, 77.6320,
105.6307

■ 53.0968, 57.9618,
22.8576

■ 76.2235, 79.7518,
105.9840

■ 51.1785, 55.7892,
17.0881

■ 77.3067, 81.9183,
106.3450

■ 49.5560, 53.7701,
12.7680

■ 78.4135, 84.1318,
106.7140

■ 48.2034, 51.8940,
9.7615

■ 79.5439, 86.3926,
107.0908

■ 47.0900, 50.1482,
7.9072

■ 80.6981, 88.7011,
107.4755

■ 46.1988, 48.5824,
6.9424

■ 81.8763, 91.0574,
107.8682

Harmonies

Analogous

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



66.4460, 68.3586, 63.0721



64.1491, 68.3586, 62.6368



62.1206, 68.3586, 65.2174

Triad

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



64.1491, 68.3586, 62.6368



61.6706, 68.3586, 83.0334



69.2504, 68.3586, 78.6975

Complementary

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



64.1491, 68.3586, 62.6368



56.8307, 58.8098, 76.0669

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.



67.9109, 68.3586, 84.4736



64.1491, 68.3586, 62.6368



63.5216, 68.3586, 87.0775

Square

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



64.1491, 68.3586, 62.6368



60.7124, 68.3586, 76.8252



65.8035, 68.3586, 87.6197



69.4280, 68.3586, 72.0869

Rectangle

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



64.1491, 68.3586, 62.6368



61.1796, 68.3586, 68.3956



65.8035, 68.3586, 87.6197



68.9196, 68.3586, 80.8112

Sweetspot

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



64.1510, 68.3616, 62.6383



93.4201, 98.6720, 102.4010



60.0504, 59.3763, 63.6888



19.9044, 21.0448, 21.5556



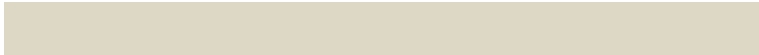
0.0000, 0.0000, 0.0000



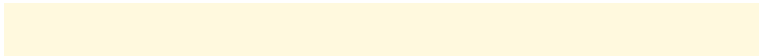
20.3446, 21.4041, 23.3091

Same Dimension

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



64.1510, 68.3616, 62.6383



88.3550, 94.4264, 82.5712



63.0304, 69.3221, 62.8827



13.9598, 14.8589, 13.8579



27.1862, 28.6580, 4.0987



1.8130, 1.9600, 0.2828

Inverse Universe

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



56.8307, 58.8098, 76.0669



75.7642, 77.9978, 105.6696



57.8650, 57.9782, 75.8519



12.5206, 12.9810, 16.4978



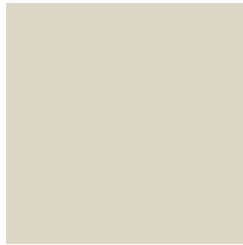
8.0490, 3.9674, 40.0800



0.5777, 0.3696, 2.6153

Previews

White Background



This preview shows how the XYZ color 64.1491, 68.3586, 62.6368 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 64.1491, 68.3586, 62.6368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

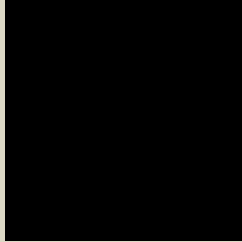
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

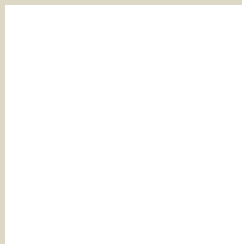
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1491, 68.3586, 62.6368

Background



This preview shows how black text looks on a background with the XYZ color 64.1491, 68.3586, 62.6368.



This preview shows how white text looks on a background with the XYZ color 64.1491, 68.3586,

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

64.1491, 68.3586, 62.6368

Protanopia

65.0047, 68.4337, 62.0075

Deuteranopia

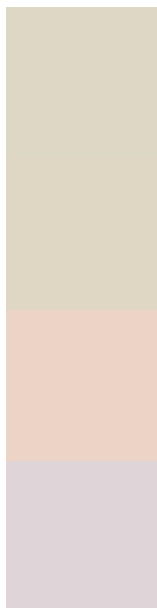
69.8268, 68.2900, 63.5338



Tritanopia

68.0383, 68.0373, 82.9453

Trichromacy



Original Color

64.1491, 68.3586, 62.6368

Protanomaly

64.6957, 68.2744, 61.9930

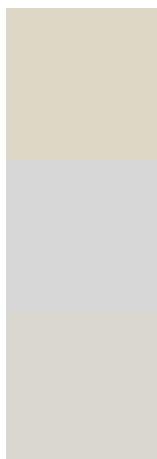
Deuteranomaly

67.7483, 68.3279, 63.0440

Tritanomaly

66.7501, 68.2862, 75.3081

Monochromacy



Original Color

64.1491, 68.3586, 62.6368

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.3009, 67.9067, 69.3928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1491, 68.3586, 62.6368 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, 216, 197) looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 197)  
}
```

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, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 197) }
```

Border

The CSS property to change the border of an element to XYZ 64.1491, 68.3586, 62.6368 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, 216, 197) }
```


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

```
.border{ border-color:rgb(220, 216, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1491, 68.3586, 62.6368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 197) }
```

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

```
.background{ background-color: rgb(220,  
216, 197) }
```

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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