

Converting Colors

XYZ(64.2859, 69.7198, 62.7248)

Have a look what the booklet for
XYZ(64.2859, 69.7198, 62.7248)
contains.

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Color

**XYZ(64.3230, 69.5997,
62.8672)**

Conversions

Conversions Part 1

Format	Color
Hex	DADBC5
RGB	218, 219, 197
RGB Percent	85%, 86%, 77%
CMY	0.1451, 0.1412, 0.2274
CMYK	0.00, 0.00, 0.10, 0.14
HSL	63°, 23%, 82%
HSV	63°, 10%, 86%
XYZ	64.3230, 69.5997, 62.8672
YIQ	216.1930, 6.4660, -7.0540

Conversions

Conversions Part 2

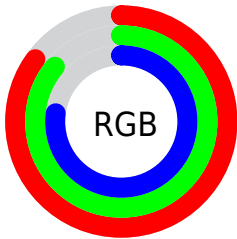
Format	Color
RYB	197, 219, 198
Decimal	14343109
CIELab	86.80, -4.12, 10.70
CIELCh	87, 11.469, 111.069
Yxy	69.5997, 0.3269, 0.3537
Android (android.graphics.Color)	4292533189 (0xFFDADBC5)
YUV	216.1930, -9.4621, 1.5847
Hunter-Lab	83.4264, -8.3702, 13.7197

Details

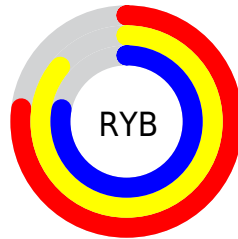
The XYZ color **64.3230, 69.5997, 62.8672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0438, 57.0546, 75.0804**, and the grayscale version is **65.4628, 68.8719, 75.0016**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **33.3376, 36.3206, 31.2401** is the 20% darker color. If you saturate the color by 10%, you get **61.6963, 68.5169, 50.5829**, and if you desaturate by 10%, it is **67.3199, 70.8354, 77.0748**.

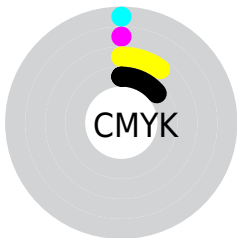
Distribution



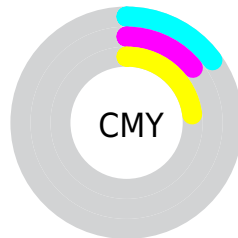
- Red (85%)
- Green (86%)
- Blue (77%)



- Red (77%)
- Yellow (86%)
- Blue (78%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3230, 69.5997, 62.8672 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 64.3230, 69.5997, 62.8672 by changing the saturation by 10% instead.

■ 64.3230, 69.5997,
62.8672

■ 64.3230, 69.5997,
62.8672

429.9389,
459.1432, 453.1820

■ 47.1750, 51.2003,
45.2935

110.1471,
118.6377, 110.5616

■ 33.3825, 36.3680,
31.3440

139.5539,
150.0451, 141.5194

■ 22.5803, 24.7185,
20.6003

173.7777,
186.5572, 177.7756

■ 14.4029, 15.8675,
12.6438

213.1839,
228.5585, 219.7488

■ 8.4850, 9.4304,
7.0559

258.1377,
276.4334, 267.8575

■ 4.4612, 5.0230,
3.4181

309.0046,

■ 1.9662, 2.2608,

330.5662, 322.5202

1.3119

366.1498,
391.3413, 384.1556

■ 0.6149, 0.7528,
0.0715

■ 0.0000, 0.0000,
0.0000

■ 64.3230, 69.5997,
62.8672

■ 64.3230, 69.5997,
62.8672

■ 61.6963, 68.5169,
50.5829

■ 67.3199, 70.8354,
77.0748

■ 59.4186, 67.5716,
40.1348

■ 70.6960, 72.2207,
93.2786

■ 57.4748, 66.7600,
31.4362

■ 73.2018, 73.2581,
104.8898

■ 55.8469, 66.0750,
24.3913

■ 73.5072, 73.4155,
104.9041

■ 54.5148, 65.5086,
18.8953

■ 73.8143, 73.5738,
104.9185

■ 53.4565, 65.0519,
14.8312

■ 74.1233, 73.7331,
104.9329

■ 52.6465, 64.6947,
12.0658

■ 74.4341, 73.8933,
104.9475

■ 52.0549, 64.4250,
10.4405

■ 74.7467, 74.0545,
104.9621

■ 51.6296, 64.2223,
9.6750

■ 75.0612, 74.2166,
104.9768

Harmonies

Analogous

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



66.9530, 69.5997, 62.1591



64.3230, 69.5997, 62.8672



62.2366, 69.5997, 66.9091

Triad

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



64.3230, 69.5997, 62.8672



62.9769, 69.5997, 87.8114



71.3575, 69.5997, 78.0890

Complementary

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



64.3230, 69.5997, 62.8672



56.0438, 57.0546, 75.0804

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.



70.2292, 69.5997, 85.4071



64.3230, 69.5997, 62.8672



65.3582, 69.5997, 91.2633

Square

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



64.3230, 69.5997, 62.8672



61.4741, 69.5997, 81.1946



68.0162, 69.5997, 90.3550



71.0623, 69.5997, 70.6159

Rectangle

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



64.3230, 69.5997, 62.8672



61.4117, 69.5997, 71.1092



68.0162, 69.5997, 90.3550



71.1311, 69.5997, 80.6557

Sweetspot

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



64.3249, 69.6027, 62.8687



93.7142, 99.4509, 102.5358



59.4269, 59.3594, 61.1497



19.9841, 21.2559, 21.5921



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.



64.3249, 69.6027, 62.8687



89.9968, 97.9196, 84.9628



61.2188, 68.0015, 62.7233



14.1004, 15.2320, 13.9225



30.6383, 38.0921, 5.7377



2.0034, 2.4773, 0.3726

Inverse Universe

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



56.0438, 57.0546, 75.0804



76.1137, 76.8825, 105.4359



58.9737, 58.5650, 75.2175



12.3934, 12.6454, 16.4397



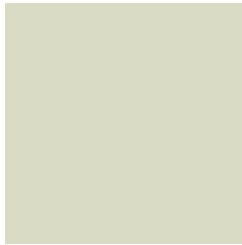
7.6807, 3.0837, 39.9288



0.5174, 0.2100, 2.5877

Previews

White Background



This preview shows how the XYZ color 64.3230, 69.5997, 62.8672 looks on a white background.

Color Contrast Check

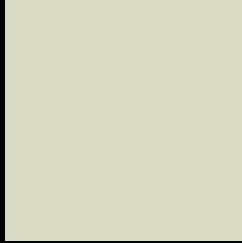
Large Text (above 18pt) WCAG AA × Fail

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 64.3230, 69.5997, 62.8672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

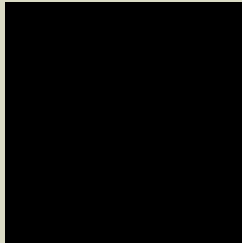
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

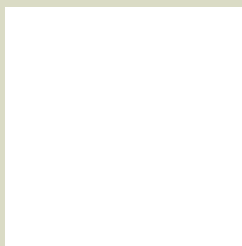
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3230, 69.5997, 62.8672

Background



This preview shows how black text looks on a background with the XYZ color 64.3230, 69.5997, 62.8672.



This preview shows how white text looks on a background with the XYZ color 64.3230, 69.5997,

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

64.3230, 69.5997, 62.8672

Protanopia

66.1407, 69.7800, 62.2074

Deuteranopia

71.0116, 69.6292, 63.7299



Tritanopia

68.9018, 69.5506, 85.3944

Trichromacy



Original Color

64.3230, 69.5997, 62.8672

Protanomaly

65.4666, 69.8163, 62.2500

Deuteranomaly

68.2482, 69.3279, 63.2106

Tritanomaly

67.1608, 69.5984, 76.9119

Monochromacy



Original Color

64.3230, 69.5997, 62.8672

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.9367, 68.9809, 70.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3230, 69.5997, 62.8672 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(218, 219, 197) looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 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(218, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 197) }
```

Border

The CSS property to change the border of an element to XYZ 64.3230, 69.5997, 62.8672 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(218, 219, 197) }
```


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

```
.border{ border-color:rgb(218, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3230, 69.5997, 62.8672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 197) }
```

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

```
.background{ background-color: rgb(218,  
219, 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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