

Converting Colors

XYZ(65.0441, 69.6263, 62.9018)

Have a look what the booklet for
XYZ(65.0441, 69.6263, 62.9018)
contains.

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Color

**XYZ(64.9682, 69.5462,
62.8229)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDAC5
RGB	221, 218, 197
RGB Percent	87%, 85%, 77%
CMY	0.1333, 0.1451, 0.2274
CMYK	0.00, 0.01, 0.11, 0.13
HSL	53°, 26%, 82%
HSV	53°, 11%, 87%
XYZ	64.9682, 69.5462, 62.8229
YIQ	216.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

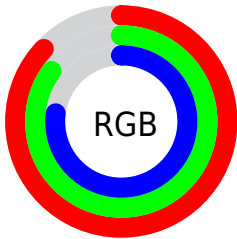
Format	Color
RYB	200, 221, 197
Decimal	14539461
CIELab	86.77, -2.55, 10.70
CIELCh	87, 10.995, 103.392
Yxy	69.5462, 0.3292, 0.3524
Android (android.graphics.Color)	4292729541 (0xFFDDDAC5)
YUV	216.5030, -9.6150, 3.9439
Hunter-Lab	83.3944, -6.8801, 13.7115

Details

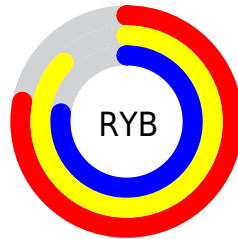
The XYZ color **64.9682, 69.5462, 62.8229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7312, 58.3981, 76.6890**, and the grayscale version is **65.6745, 69.0946, 75.2441**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **33.7810, 36.2845, 31.2098** is the 20% darker color. If you saturate the color by 10%, you get **61.9107, 67.1905, 50.2128**, and if you desaturate by 10%, it is **68.4127, 72.0803, 77.3952**.

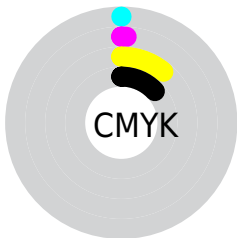
Distribution



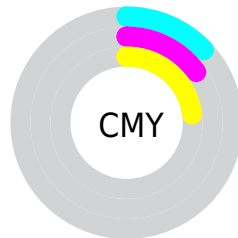
- Red (87%)
- Green (85%)
- Blue (77%)



- Red (78%)
- Yellow (87%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9682, 69.5462, 62.8229 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 64.9682, 69.5462, 62.8229 by changing the saturation by 10% instead.

■ 64.9682, 69.5462,
62.8229

■ 64.9682, 69.5462,
62.8229

432.2247,
458.9550, 453.0167

■ 47.6999, 51.1567,
45.2579

111.0701,
118.5614, 110.4971

■ 33.7996, 36.3333,
31.3162

140.6344,
149.9558, 141.4433

■ 22.9018, 24.6917,
20.5792

175.0281,
186.4540, 177.6870

■ 14.6413, 15.8475,
12.6285

214.6165,
228.4403, 219.6468

■ 8.6527, 9.4163,
7.0456

259.7650,
276.2992, 267.7410

■ 4.5706, 5.0137,
3.4117

310.8390,

■ 2.0298, 2.2553,

330.4150, 322.3884

1.3085

368.2038,
391.1722, 384.0075

■ 0.6506, 0.7499,
0.0688

■ 0.0000, 0.0000,
0.0000

■ 64.9682, 69.5462,
62.8229

■ 64.9682, 69.5462,
62.8229

■ 61.9107, 67.1905,
50.2128

■ 68.4127, 72.0803,
77.3952

■ 59.2184, 64.9976,
39.4758

■ 72.2537, 74.7899,
94.0049

■ 56.8758, 62.9634,
30.5223

■ 75.1416, 77.1374,
105.5364

■ 54.8642, 61.0804,
23.2538

■ 75.8989, 78.6520,
105.7888

■ 53.1630, 59.3402,
17.5622

■ 76.6683, 80.1909,
106.0453

■ 51.7492, 57.7335,
13.3268

■ 77.4499, 81.7541,
106.3058

■ 50.5965, 56.2498,
10.4094

■ 78.2438, 83.3418,
106.5704

■ 49.6736, 54.8765,
8.6454

■ 79.0499, 84.9541,
106.8391

■ 48.9818, 53.6978,
7.7831

■ 79.8684, 86.5911,
107.1120

Harmonies

Analogous

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



67.5183, 69.5462, 63.0039



64.9682, 69.5462, 62.8229



62.7778, 69.5462, 65.9362

Triad

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



64.9682, 69.5462, 62.8229



62.5892, 69.5462, 85.8259



70.9310, 69.5462, 79.8247

Complementary

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



64.9682, 69.5462, 62.8229



56.7312, 58.3981, 76.6890

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.



69.5407, 69.5462, 86.4355



64.9682, 69.5462, 62.8229



64.7048, 69.5462, 90.0504

Square

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



64.9682, 69.5462, 62.8229



61.4284, 69.5462, 79.0358



67.2481, 69.5462, 90.2804



71.0060, 69.5462, 72.5060

Rectangle

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



64.9682, 69.5462, 62.8229



61.7981, 69.5462, 69.5847



67.2481, 69.5462, 90.2804



70.6004, 69.5462, 82.2142

Sweetspot

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



64.9701, 69.5492, 62.8244



93.5388, 98.9094, 102.4405



60.2345, 59.4851, 63.0742



19.9365, 21.1091, 21.5663



0.0000, 0.0000, 0.0000



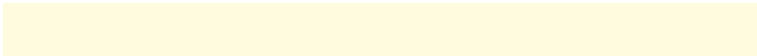
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9701, 69.5492, 62.8244



88.8590, 95.4346, 82.7392



63.1443, 69.7715, 62.9635



14.0163, 14.9720, 13.8767



28.5114, 31.3083, 4.5404



1.8868, 2.1077, 0.3074

Inverse Universe

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



56.7312, 58.3981, 76.6890



75.3212, 77.1117, 105.5219



58.4163, 58.2472, 76.5711



12.4690, 12.8777, 16.4806



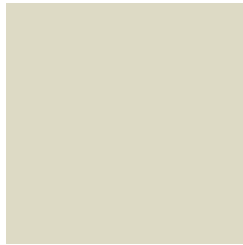
7.8617, 3.5928, 40.0175



0.5533, 0.3208, 2.6072

Previews

White Background



This preview shows how the XYZ color 64.9682, 69.5462, 62.8229 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 64.9682, 69.5462, 62.8229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

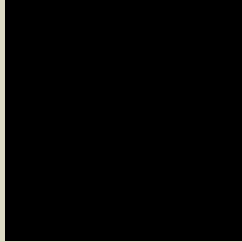
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

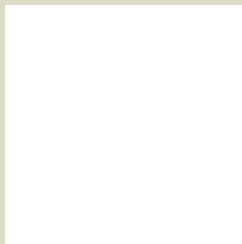
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9682, 69.5462, 62.8229

Background



This preview shows how black text looks on a background with the XYZ color 64.9682, 69.5462, 62.8229.

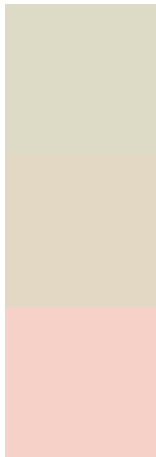


This preview shows how white text looks on a background with the XYZ color 64.9682, 69.5462,

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

64.9682, 69.5462, 62.8229

Protanopia

65.8837, 69.2660, 62.1218

Deuteranopia

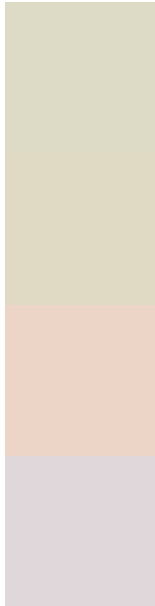
70.7655, 69.1369, 63.6479



Tritanopia

69.4412, 69.4704, 84.6121

Trichromacy



Original Color

64.9682, 69.5462, 62.8229

Protanomaly

65.5171, 69.4585, 62.1783

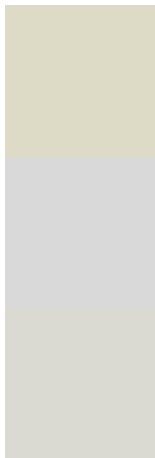
Deuteranomaly

68.3286, 68.9971, 63.1425

Tritanomaly

67.6958, 69.5101, 76.1785

Monochromacy



Original Color

64.9682, 69.5462, 62.8229

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.3592, 69.1843, 70.8819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9682, 69.5462, 62.8229 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(221, 218, 197) looks like.

```
.text, #text, p{  
    color:rgb(221, 218, 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(221, 218, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 218, 197) }
```

Border

The CSS property to change the border of an element to XYZ 64.9682, 69.5462, 62.8229 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(221, 218, 197) }
```


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

```
.border{ border-color:rgb(221, 218, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 218, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 218, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 218, 197);  
box-shadow:4px 4px 4px 4px rgb(221, 218,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9682, 69.5462, 62.8229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 218, 197) }
```

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

```
.background{ background-color: rgb(221,  
218, 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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