

Converting Colors

XYZ(61.8717, 64.4496, 69.5680)

Have a look what the booklet for
XYZ(61.8717, 64.4496, 69.5680)
contains.

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Color

**XYZ(61.7497, 64.3505,
69.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D1D1
RGB	213, 209, 209
RGB Percent	84%, 82%, 82%
CMY	0.1647, 0.1804, 0.1804
CMYK	0.00, 0.02, 0.02, 0.16
HSL	0°, 5%, 83%
HSV	0°, 2%, 84%
XYZ	61.7497, 64.3505, 69.4879
YIQ	210.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

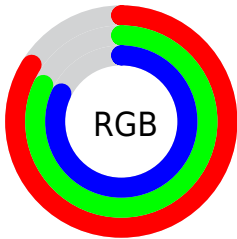
Format	Color
R_{YB}	213, 209, 209
Decimal	14012881
CIE Lab	84.15, 1.38, 0.48
CIE LCh	84, 1.456, 19.121
Yxy	64.3505, 0.3157, 0.3290
Android (android.graphics.Color)	4292202961 (0xFFD5D1D1)
YUV	210.1960, -0.5896, 2.4591
Hunter-Lab	80.2188, -2.9796, 4.7944

Details

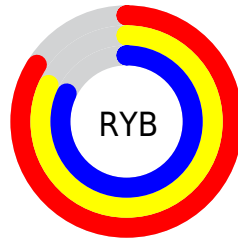
The XYZ color **61.7497, 64.3505, 69.4879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0991, 65.9472, 72.4079**, and the grayscale version is **61.3915, 64.5886, 70.3370**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7383, 33.0783, 35.7223** is the 20% darker color. If you saturate the color by 10%, you get **54.4103, 53.6130, 54.8889**, and if you desaturate by 10%, it is **70.1428, 76.6295, 86.1792**.

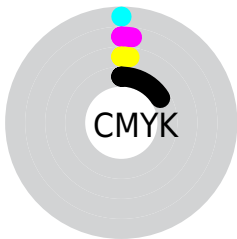
Distribution



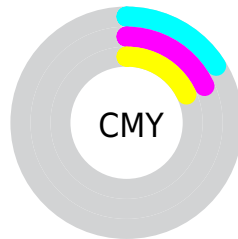
- Red (84%)
- Green (82%)
- Blue (82%)



- Red (84%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7497, 64.3505, 69.4879 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 61.7497, 64.3505, 69.4879 by changing the saturation by 10% instead.

■ 61.7497, 64.3505,
69.4879

■ 61.7497, 64.3505,
69.4879

420.7496,
440.4543, 477.4903

■ 45.0853, 46.9346,
50.6349

106.4557,
111.1156, 120.1524

■ 31.7262, 32.9840,
35.5434

135.2280,
141.2335, 152.8011

■ 21.3070, 22.1142,
23.7949

168.7670,
176.3543, 190.8854

■ 13.4623, 13.9408,
14.9708

207.4380,
216.8623, 234.8238

■ 7.8269, 8.0795,
8.6525

251.6064,
263.1419, 285.0350

■ 4.0352, 4.1459,
4.4215

301.6376,

■ 1.7221, 1.7555,

315.5775, 341.9375

1.8593

357.8969,
374.5535, 405.9497

■ 0.4700, 0.4592,
0.4667

■ 0.0000, 0.0000,
0.0000

■ 61.7497, 64.3505,
69.4879

■ 61.7497, 64.3505,
69.4879

■ 54.4103, 53.6130,
54.8889

■ 70.1428, 76.6295,
86.1792

■ 48.0777, 44.3481,
42.2957

■ 79.6232, 90.4986,
105.0363

■ 42.7098, 36.4941,
31.6219

■ 81.2510, 92.8864,
108.2542

■ 38.2593, 29.9820,
22.7734

■ 34.6748, 24.7367,
15.6481

■ 31.8999, 20.6758,
10.1336

■ 29.8718, 17.7072,
6.1046

■ 28.5182, 15.7253,
3.4171

■ 27.7525, 14.6036,
1.8988

Harmonies

Analogous

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



61.7729, 64.3505, 70.4017



61.7497, 64.3505, 69.4879



61.5691, 64.3505, 68.7354

Triad

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



61.7497, 64.3505, 69.4879



60.6966, 64.3505, 68.9134



61.0465, 64.3505, 71.8214

Complementary

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



61.7497, 64.3505, 69.4879



62.0991, 65.9472, 72.4079

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.



60.7592, 64.3505, 71.4152



61.7497, 64.3505, 69.4879



60.5576, 64.3505, 69.7328

Square

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



61.7497, 64.3505, 69.4879



60.9608, 64.3505, 68.4058



60.5805, 64.3505, 70.6488



61.3661, 64.3505, 71.7544

Rectangle

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



61.7497, 64.3505, 69.4879



61.3840, 64.3505, 68.4241



60.5805, 64.3505, 70.6488



60.9430, 64.3505, 71.7355

Sweetspot

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



61.7515, 64.3533, 69.4893



93.8347, 98.2221, 106.4829



62.2523, 64.5522, 72.1306



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



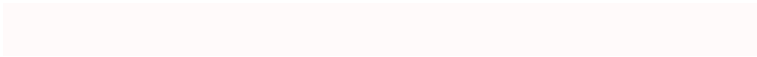
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7515, 64.3533, 69.4893



92.6356, 96.4678, 104.0980



62.2445, 65.3392, 69.6536



13.6706, 14.2460, 15.3825



16.7636, 8.6444, 0.7850



1.0114, 0.5220, 0.0475

Inverse Universe

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



62.0991, 65.9472, 72.4079



93.1971, 99.0426, 108.8129



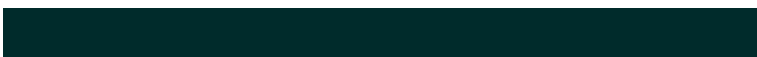
61.6000, 64.9490, 72.2416



13.7478, 14.6002, 16.0311



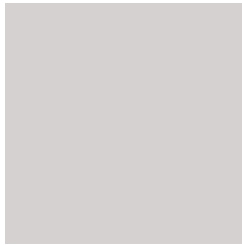
21.8420, 31.9459, 43.4681



1.3177, 1.9275, 2.6219

Previews

White Background



This preview shows how the XYZ color 61.7497, 64.3505, 69.4879 looks on a white background.

Color Contrast Check

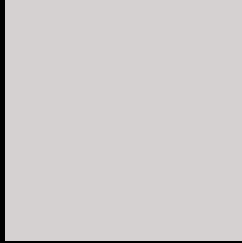
Large Text (above 18pt) WCAG AA × Fail

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 61.7497, 64.3505, 69.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

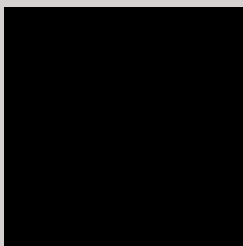
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

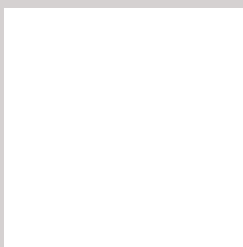
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7497, 64.3505, 69.4879

Background



This preview shows how black text looks on a background with the XYZ color 61.7497, 64.3505, 69.4879.

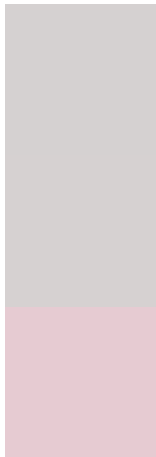


This preview shows how white text looks on a background with the XYZ color 61.7497, 64.3505,

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

61.7497, 64.3505, 69.4879

Protanopia

62.0406, 64.5005, 69.5016

Deuteranopia

65.6219, 64.1880, 69.9036



Tritanopia

63.6564, 64.4004, 78.8875

Trichromacy



Original Color

61.7497, 64.3505, 69.4879

Protanomaly

62.0406, 64.5005, 69.5016

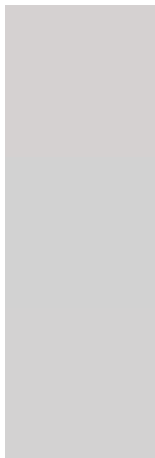
Deuteranomaly

64.2046, 64.1631, 69.9735

Tritanomaly

62.9423, 64.4698, 75.4562

Monochromacy



Original Color

61.7497, 64.3505, 69.4879

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.5434, 64.5952, 70.1972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7497, 64.3505, 69.4879 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(213, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 209)  
}
```

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(213, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.7497, 64.3505, 69.4879 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(213, 209, 209) }
```


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

```
.border{ border-color:rgb(213, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7497, 64.3505, 69.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 209) }
```

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

```
.background{ background-color: rgb(213,  
209, 209) }
```

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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