

Converting Colors

XYZ(61.7367, 64.2666, 62.8784)

Have a look what the booklet for
XYZ(61.7367, 64.2666, 62.8784)
contains.

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Color

**XYZ(61.6624, 64.0944,
62.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD0C6
RGB	218, 208, 198
RGB Percent	85%, 82%, 78%
CMY	0.1451, 0.1843, 0.2235
CMYK	0.00, 0.05, 0.09, 0.15
HSL	30°, 21%, 82%
HSV	30°, 9%, 85%
XYZ	61.6624, 64.0944, 62.5476
YIQ	209.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

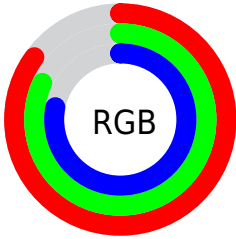
Format	Color
RYB	218, 218, 198
Decimal	14340294
CIELab	84.01, 1.74, 6.18
CIELCh	84, 6.424, 74.242
Yxy	64.0944, 0.3275, 0.3404
Android (android.graphics.Color)	4292530374 (0xFFDAD0C6)
YUV	209.8500, -5.8420, 7.1476
Hunter-Lab	80.0590, -2.6203, 9.7198

Details

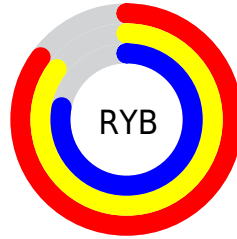
The XYZ color **61.6624, 64.0944, 62.5476** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4994, 62.1785, 75.2489**, and the grayscale version is **61.1946, 64.3814, 70.1114**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6939, 32.9113, 31.0676** is the 20% darker color. If you saturate the color by 10%, you get **56.7613, 58.0304, 49.3882**, and if you desaturate by 10%, it is **67.1115, 70.6738, 77.6768**.

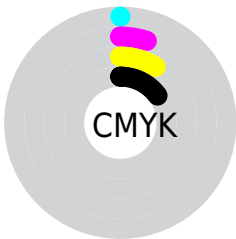
Distribution



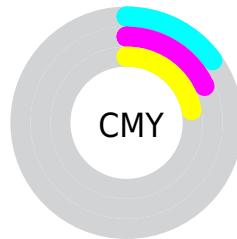
- Red (85%)
- Green (82%)
- Blue (78%)



- Red (85%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6624, 64.0944, 62.5476 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 61.6624, 64.0944, 62.5476 by changing the saturation by 10% instead.

■ 61.6624, 64.0944,
62.5476

■ 61.6624, 64.0944,
62.5476

420.4358,
439.5305, 451.9884

■ 45.0145, 46.7271,
45.0367

106.3301,
110.7469, 110.0958

■ 31.6702, 32.8200,
31.1432

135.0807,
140.8009, 140.9702

■ 21.2640, 21.9886,
20.4485

168.5963,
175.8526, 177.1362

■ 13.4307, 13.8485,
12.5342

207.2421,
216.2864, 219.0123

■ 7.8048, 8.0154,
6.9816

251.3837,
262.4867, 267.0170

■ 4.0211, 4.1048,
3.3723

301.3862,

■ 1.7141, 1.7324,

314.8379, 321.5689

1.2878

357.6151,
373.7243, 383.0865

■ 0.4650, 0.4445,
0.0517

■ 0.0000, 0.0000,
0.0000

■ 61.6624, 64.0944,
62.5476

■ 61.6624, 64.0944,
62.5476

■ 56.7613, 58.0304,
49.3882

■ 67.1115, 70.6738,
77.6768

■ 52.3840, 52.4600,
38.1123

■ 73.1214, 77.7731,
94.8490

■ 48.5118, 47.3719,
28.6330

■ 78.3282, 84.8544,
106.8579

■ 45.1232, 42.7512,
20.8551

■ 81.6451, 91.4882,
107.9636

■ 42.1946, 38.5820,
14.6746

■ 82.7238, 93.6456,
108.3231

■ 39.7000, 34.8474,
9.9756

■ 37.6105, 31.5288,
6.6266

■ 35.8923, 28.6055,
4.4722

■ 34.4934, 26.0491,
3.2617

Harmonies

Analogous

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



62.8917, 64.0944, 64.4866



61.6624, 64.0944, 62.5476



60.2523, 64.0944, 62.4979

Triad

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



61.6624, 64.0944, 62.5476



58.3181, 64.0944, 71.7243



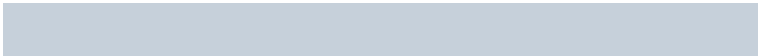
62.8396, 64.0944, 75.5258

Complementary

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



61.6624, 64.0944, 62.5476



58.4994, 62.1785, 75.2489

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.



61.5922, 64.0944, 77.6238



61.6624, 64.0944, 62.5476



58.9896, 64.0944, 75.3720

Square

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



61.6624, 64.0944, 62.5476



58.3363, 64.0944, 67.6911



60.1832, 64.0944, 77.5664



63.5785, 64.0944, 71.9276

Rectangle

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



61.6624, 64.0944, 62.5476



59.4003, 64.0944, 63.5369



60.1832, 64.0944, 77.5664



62.4650, 64.0944, 76.4360

Sweetspot

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



61.6642, 64.0972, 62.5490



92.6349, 97.1017, 102.1393



60.4936, 59.8486, 68.0390



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



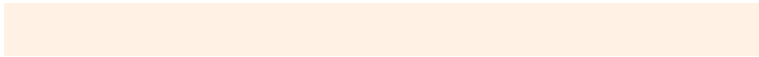
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6642, 64.0972, 62.5490



86.5477, 89.7023, 85.3896



64.1787, 69.1263, 63.3872



13.5914, 14.1222, 13.7351



20.7089, 15.7033, 1.9396



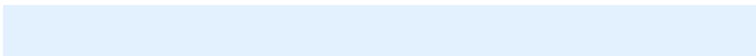
1.4278, 1.1897, 0.1544

Inverse Universe

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



58.4994, 62.1785, 75.2489



81.1591, 86.4353, 107.0139



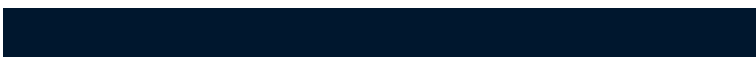
56.1386, 57.4569, 74.4619



12.8737, 13.6871, 16.6155



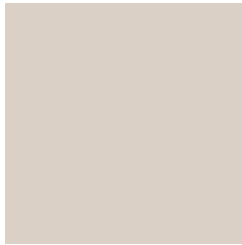
10.9628, 9.7951, 41.0512



0.7964, 0.8069, 2.6882

Previews

White Background



This preview shows how the XYZ color 61.6624, 64.0944, 62.5476 looks on a white background.

Color Contrast Check

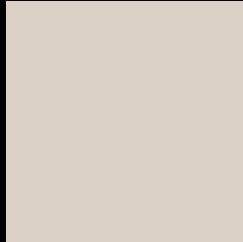
Large Text (above 18pt) WCAG AA × Fail

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 61.6624, 64.0944, 62.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

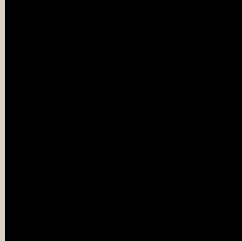
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6624, 64.0944, 62.5476

Background



This preview shows how black text looks on a background with the XYZ color 61.6624, 64.0944, 62.5476.

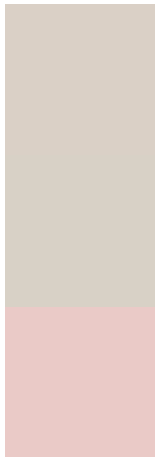


This preview shows how white text looks on a background with the XYZ color 61.6624, 64.0944,

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

61.6624, 64.0944, 62.5476

Protanopia

61.3124, 64.2771, 62.6013

Deuteranopia

65.3610, 63.8570, 62.9136



Tritanopia

64.7013, 64.2553, 77.3990

Trichromacy



Original Color

61.6624, 64.0944, 62.5476

Protanomaly

61.6088, 64.4299, 62.6152

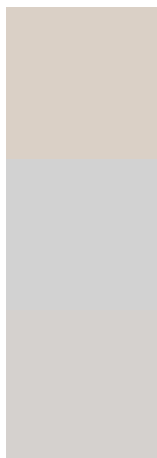
Deuteranomaly

63.8966, 63.8032, 62.9804

Tritanomaly

63.5967, 64.1624, 71.9835

Monochromacy



Original Color

61.6624, 64.0944, 62.5476

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3816, 64.2033, 67.5498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6624, 64.0944, 62.5476 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, 208, 198) looks like.

```
.text, #text, p{  
    color:rgb(218, 208, 198)  
}
```

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, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 208, 198) }
```

Border

The CSS property to change the border of an element to XYZ 61.6624, 64.0944, 62.5476 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, 208, 198) }
```


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

```
.border{ border-color:rgb(218, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(218, 208,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6624, 64.0944, 62.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 208, 198) }
```

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

```
.background{ background-color: rgb(218,  
208, 198) }
```

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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