

Converting Colors

XYZ(61.8112, 64.7981, 60.6707)

Have a look what the booklet for
XYZ(61.8112, 64.7981, 60.6707)
contains.

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Color

**XYZ(61.8104, 64.9387,
60.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD2C3
RGB	218, 210, 195
RGB Percent	85%, 82%, 76%
CMY	0.1451, 0.1765, 0.2353
CMYK	0.00, 0.04, 0.11, 0.15
HSL	39°, 24%, 81%
HSV	39°, 11%, 85%
XYZ	61.8104, 64.9387, 60.9064
YIQ	210.6820, 9.5830, -2.9690

Conversions

Conversions Part 2

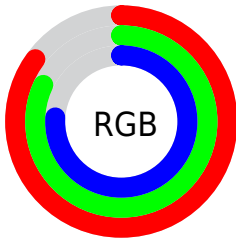
Format	Color
R_{YB}	207, 218, 195
Decimal	14340803
CIE _{Lab}	84.45, 0.21, 8.40
CIE _{LCh}	84, 8.406, 88.596
Yxy	64.9387, 0.3294, 0.3461
Android (android.graphics.Color)	4292530883 (0xFFDAD2C3)
YUV	210.6820, -7.7312, 6.4179
Hunter-Lab	80.5846, -4.1089, 11.5974

Details

The XYZ color **61.8104, 64.9387, 60.9064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5165, 59.3751, 74.8123**, and the grayscale version is **61.7535, 64.9695, 70.7518**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **31.8004, 33.4866, 29.9868** is the 20% darker color. If you saturate the color by 10%, you get **57.6968, 60.3719, 48.2494**, and if you desaturate by 10%, it is **66.3761, 69.8325, 75.4911**.

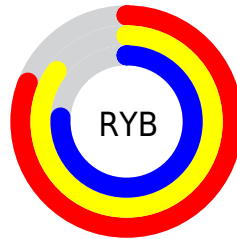
Distribution



Red (85%)

Green (82%)

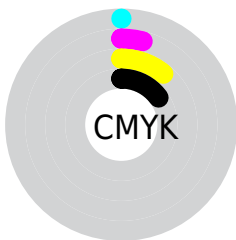
Blue (76%)



Red (81%)

Yellow (85%)

Blue (76%)

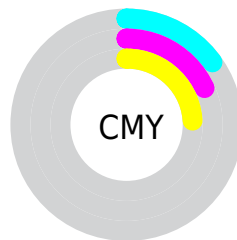


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8104, 64.9387, 60.9064 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 61.8104, 64.9387, 60.9064 by changing the saturation by 10% instead.

■ 61.8104, 64.9387,
60.9064

■ 61.8104, 64.9387,
60.9064

420.9677,
442.5717, 445.8278

■ 45.1345, 47.4114,
43.7196

106.5429,
111.9617, 107.6996

■ 31.7651, 33.3610,
30.1145

135.3303,
142.2262, 138.1431

■ 21.3368, 22.4031,
19.6727

168.8856,
177.5052, 173.8425

■ 13.4843, 14.1534,
11.9757

207.5741,
218.1831, 215.2164

■ 7.8422, 8.2274,
6.6048

251.7612,
264.6443, 262.6833

■ 4.0451, 4.2408,
3.1415

301.8123,

■ 1.7277, 1.8092,

317.2732, 316.6618

1.1673

358.0927,
376.4542, 377.5705

■ 0.4735, 0.4929,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8104, 64.9387,
60.9064

■ 61.8104, 64.9387,
60.9064

■ 57.6968, 60.3719,
48.2494

■ 66.3761, 69.8325,
75.4911

■ 54.0132, 56.1148,
37.4337

■ 71.4044, 75.0528,
92.0765

■ 50.7436, 52.1611,
28.3726

■ 76.0298, 80.2576,
106.0918

■ 47.8686, 48.5012,
20.9706

■ 78.2186, 84.6351,
106.8214

■ 45.3670, 45.1245,
15.1231

■ 80.5006, 89.1991,
107.5821

■ 43.2156, 42.0195,
10.7134

■ 82.7238, 93.6456,
108.3231

■ 41.3878, 39.1734,
7.6081

■ 39.8520, 36.5714,
5.6488

■ 38.6182, 34.3145,
4.5880

Harmonies

Analogous

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



63.6144, 64.9387, 62.2791



61.8104, 64.9387, 60.9064



60.0176, 64.9387, 62.0476

Triad

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



61.8104, 64.9387, 60.9064



58.6195, 64.9387, 75.7502



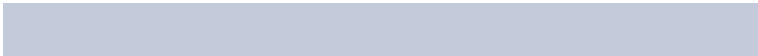
64.8416, 64.9387, 76.2085

Complementary

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



61.8104, 64.9387, 60.9064



56.5165, 59.3751, 74.8123

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.



63.4589, 64.9387, 80.1372



61.8104, 64.9387, 60.9064



59.8680, 64.9387, 79.8633

Square

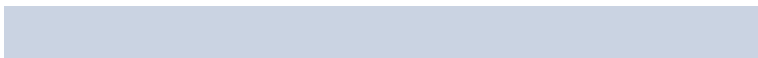
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.8104, 64.9387, 60.9064



58.1979, 64.9387, 70.4553



61.6343, 64.9387, 81.5068



65.3862, 64.9387, 70.9597

Rectangle

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



61.8104, 64.9387, 60.9064



59.0650, 64.9387, 64.1146



61.6343, 64.9387, 81.5068



64.4581, 64.9387, 77.7370

Sweetspot

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



61.8122, 64.9416, 60.9078



93.0000, 97.8318, 102.2609



59.2149, 58.2508, 64.6546



19.7907, 20.8176, 21.5177



0.0000, 0.0000, 0.0000



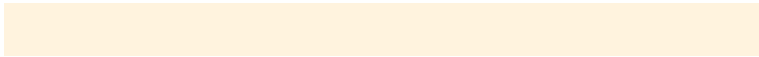
20.3446, 21.4041, 23.3091

Same Dimension

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



61.8122, 64.9416, 60.9078



86.5977, 90.9118, 81.9854



62.8150, 68.4629, 61.5346



13.7614, 14.4621, 13.7917



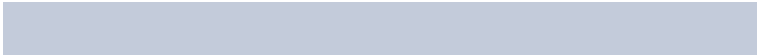
23.2402, 20.7660, 2.7833



1.5850, 1.5042, 0.2068

Inverse Universe

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



56.5165, 59.3751, 74.8123



77.3734, 81.2163, 106.2060



55.5784, 56.1601, 74.2412



12.7071, 13.3539, 16.5600



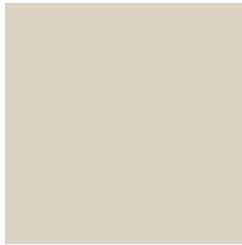
9.2124, 6.2942, 40.4678



0.6758, 0.5658, 2.6480

Previews

White Background



This preview shows how the XYZ color 61.8104, 64.9387, 60.9064 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 61.8104, 64.9387, 60.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

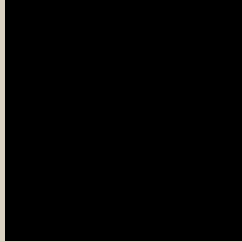
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

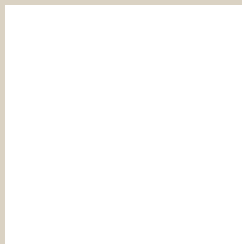
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8104, 64.9387, 60.9064

Background



This preview shows how black text looks on a background with the XYZ color 61.8104, 64.9387, 60.9064.

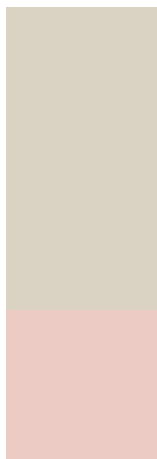


This preview shows how white text looks on a background with the XYZ color 61.8104, 64.9387,

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

61.8104, 64.9387, 60.9064

Protanopia

61.8104, 64.9387, 60.9064

Deuteranopia

65.9118, 64.5303, 61.2062



Tritanopia

65.3803, 64.9461, 78.1972

Trichromacy



Original Color

61.8104, 64.9387, 60.9064

Protanomaly

61.8104, 64.9387, 60.9064

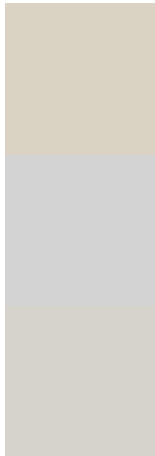
Deuteranomaly

64.3482, 64.7861, 61.3380

Tritanomaly

64.0153, 64.7513, 71.4116

Monochromacy



Original Color

61.8104, 64.9387, 60.9064

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0453, 65.2925, 67.0902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8104, 64.9387, 60.9064 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, 210, 195) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 195)  
}
```

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, 210, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.8104, 64.9387, 60.9064 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, 210, 195) }
```


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

```
.border{ border-color:rgb(218, 210, 195) }
```

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

Here you see how a box with a 4 pixel rgb(218, 210, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8104, 64.9387, 60.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 195) }
```

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

```
.background{ background-color: rgb(218,  
210, 195) }
```

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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