

Converting Colors

XYZ(61.3915, 64.6520, 57.1611)

Have a look what the booklet for
XYZ(61.3915, 64.6520, 57.1611)
contains.

XYZ(61.4453, 64.8274, 57.4185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.4453, 64.8274,
57.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2BD
RGB	219, 210, 189
RGB Percent	86%, 82%, 74%
CMY	0.1412, 0.1764, 0.2588
CMYK	0.00, 0.04, 0.14, 0.14
HSL	42°, 29%, 80%
HSV	42°, 14%, 86%
XYZ	61.4453, 64.8274, 57.4185
YIQ	210.2970, 12.1050, -4.6230

Conversions

Conversions Part 2

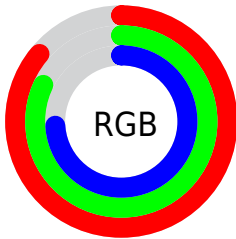
Format	Color
R _Y B	202, 219, 189
Decimal	14406333
CIE Lab	84.39, -0.40, 11.51
CIE LCh	84, 11.519, 91.996
Yxy	64.8274, 0.3345, 0.3529
Android (android.graphics.Color)	4292596413 (0xFFDBD2BD)
YUV	210.2970, -10.4994, 7.6325
Hunter-Lab	80.5155, -4.6800, 14.0790

Details

The XYZ color **61.4453, 64.8274, 57.4185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9663, 56.3202, 75.0449**, and the grayscale version is **61.5164, 64.7201, 70.4802**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **31.6422, 33.4470, 28.0807** is the 20% darker color. If you saturate the color by 10%, you get **57.6578, 60.7734, 45.3000**, and if you desaturate by 10%, it is **65.6619, 69.1638, 71.4526**.

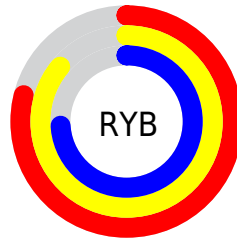
Distribution



Red (86%)

Green (82%)

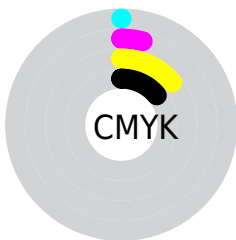
Blue (74%)



Red (79%)

Yellow (86%)

Blue (74%)

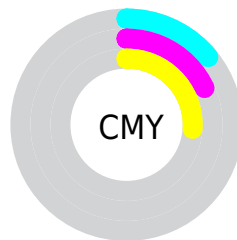


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4453, 64.8274, 57.4185 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 61.4453, 64.8274, 57.4185 by changing the saturation by 10% instead.

■ 61.4453, 64.8274,
57.4185

■ 61.4453, 64.8274,
57.4185

419.6547,
442.1715, 432.5532

■ 44.8385, 47.3211,
40.9297

■ 106.0179,
111.8017, 102.5820

■ 31.5310, 33.2896,
27.9449

134.7145,
142.0385, 132.0938

■ 21.1573, 22.3484,
18.0454

168.1716,
177.2876, 166.7836

■ 13.3522, 14.1131,
10.8128

206.7548,
217.9334, 207.0701

■ 7.7502, 8.1994,
5.8285

250.8294,
264.3603, 253.3718

■ 3.9860, 4.2228,
2.6740

300.7606,

■ 1.6942, 1.7990,

316.9527, 306.1072

0.9303

356.9140,
376.0949, 365.6948

■ 0.4526, 0.4865,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4453, 64.8274,
57.4185

■ 61.4453, 64.8274,
57.4185

■ 57.6578, 60.7734,
45.3000

■ 65.6619, 69.1638,
71.4526

■ 54.2772, 56.9851,
35.0081

■ 70.3181, 73.7817,
87.4775

■ 51.2873, 53.4571,
26.4531

■ 75.4306, 78.6909,
105.5695

■ 48.6685, 50.1801,
19.5359

■ 77.3376, 82.4281,
106.4418

■ 46.3993, 47.1442,
14.1474

■ 79.2661, 86.2851,
107.0847

■ 44.4557, 44.3385,
10.1651

■ 81.2649, 90.2827,
107.7509

■ 42.8099, 41.7504,
7.4475

■ 83.0236, 93.8002,
108.3372

■ 41.4285, 39.3652,
5.8231

■ 40.6595, 37.9520,
5.1825

Harmonies

Analogous

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



63.9559, 64.8274, 58.8608



61.4453, 64.8274, 57.4185



59.0459, 64.8274, 59.2966

Triad

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



61.4453, 64.8274, 57.4185



57.5370, 64.8274, 78.3191



66.0638, 64.8274, 77.4116

Complementary

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



61.4453, 64.8274, 57.4185



53.9663, 56.3202, 75.0449

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.



64.2606, 64.8274, 83.2244



61.4453, 64.8274, 57.4185



59.3349, 64.8274, 83.7733

Square

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



61.4453, 64.8274, 57.4185



56.8286, 64.8274, 71.0779



61.7880, 64.8274, 85.6268



66.6660, 64.8274, 70.0964

Rectangle

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



61.4453, 64.8274, 57.4185



57.8201, 64.8274, 62.2600



61.7880, 64.8274, 85.6268



65.5756, 64.8274, 79.6231

Sweetspot

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



61.4471, 64.8303, 57.4199



92.4830, 97.4245, 100.1566



57.6048, 55.5333, 61.1098



19.6943, 20.7507, 21.0967



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.



61.4471, 64.8303, 57.4199



85.3838, 90.0866, 76.6406



61.9580, 68.4839, 58.0982



13.8155, 14.5703, 13.8098



24.2090, 22.7036, 3.1063



1.6424, 1.6189, 0.2259

Inverse Universe

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



53.9663, 56.3202, 75.0449



73.1545, 76.1752, 105.4554



53.4902, 53.1127, 74.4509



12.6554, 13.2505, 16.5427



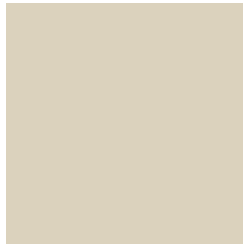
8.8093, 5.4881, 40.3334



0.6450, 0.5042, 2.6378

Previews

White Background



This preview shows how the XYZ color 61.4453, 64.8274, 57.4185 looks on a white background.

Color Contrast Check

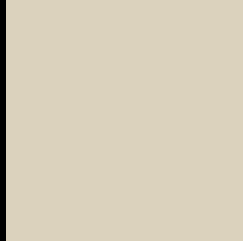
Large Text (above 18pt) WCAG AA × Fail

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 61.4453, 64.8274, 57.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

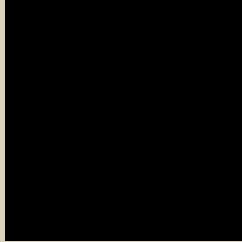
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

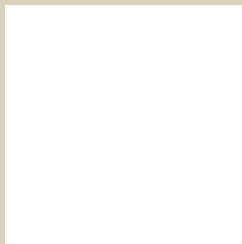
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4453, 64.8274, 57.4185

Background



This preview shows how black text looks on a background with the XYZ color 61.4453, 64.8274, 57.4185.

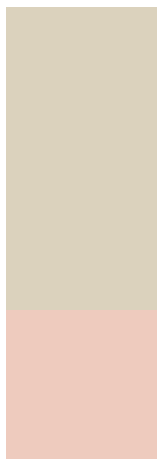


This preview shows how white text looks on a background with the XYZ color 61.4453, 64.8274,

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

61.4453, 64.8274, 57.4185

Protanopia

61.4453, 64.8274, 57.4185

Deuteranopia

65.9101, 64.6067, 57.7117



Tritanopia

65.3139, 64.5711, 77.4277

Trichromacy



Original Color

61.4453, 64.8274, 57.4185

Protanomaly

61.4453, 64.8274, 57.4185

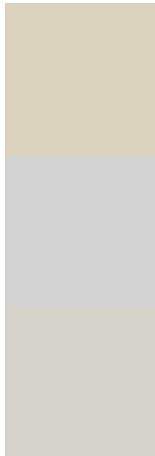
Deuteranomaly

64.3206, 64.8492, 57.8423

Tritanomaly

63.9456, 64.7587, 69.4510

Monochromacy



Original Color

61.4453, 64.8274, 57.4185

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.1478, 64.5036, 65.1047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4453, 64.8274, 57.4185 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(219, 210, 189) looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 189)  
}
```

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(219, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.4453, 64.8274, 57.4185 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(219, 210, 189) }
```


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

```
.border{ border-color:rgb(219, 210, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 210, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 210, 189); box-shadow:4px 4px 4px 4px rgb(219, 210, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4453, 64.8274, 57.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 189) }
```

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

```
.background{ background-color: rgb(219,  
210, 189) }
```

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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