

Converting Colors

XYZ(62.4805, 65.1308, 63.5923)

Have a look what the booklet for
XYZ(62.4805, 65.1308, 63.5923)
contains.

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Color

**XYZ(62.5688, 65.2768,
63.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2C7
RGB	219, 210, 199
RGB Percent	86%, 82%, 78%
CMY	0.1412, 0.1764, 0.2196
CMYK	0.00, 0.04, 0.09, 0.14
HSL	33°, 22%, 82%
HSV	33°, 9%, 86%
XYZ	62.5688, 65.2768, 63.3348
YIQ	211.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

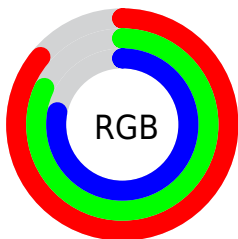
Format	Color
R _Y B	215, 219, 199
Decimal	14406343
CIE Lab	84.63, 1.22, 6.54
CIE LCh	85, 6.655, 79.433
Yxy	65.2768, 0.3273, 0.3414
Android (android.graphics.Color)	4292596423 (0xFFDBD2C7)
YUV	211.4370, -6.1314, 6.6328
Hunter-Lab	80.7941, -3.1550, 10.0782

Details

The XYZ color **62.5688, 65.2768, 63.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8951, 62.3672, 75.9524**, and the grayscale version is **62.2426, 65.4840, 71.3121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3091, 33.7138, 31.5926** is the 20% darker color. If you saturate the color by 10%, you get **57.8498, 59.6190, 50.1066**, and if you desaturate by 10%, it is **67.8071, 71.3862, 78.5430**.

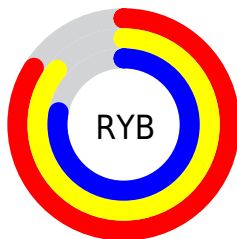
Distribution



Red (86%)

Green (82%)

Blue (78%)



Red (84%)

Yellow (86%)

Blue (78%)

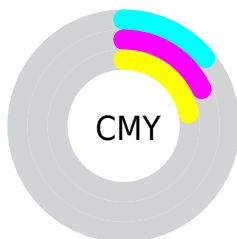


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5688, 65.2768, 63.3348 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 62.5688, 65.2768, 63.3348 by changing the saturation by 10% instead.

■ 62.5688, 65.2768,
63.3348

■ 62.5688, 65.2768,
63.3348

423.6874,
443.7860, 454.9249

■ 45.7498, 47.6856,
45.6694

107.6325,
112.4477, 111.2426

■ 32.2522, 33.5779,
31.6382

136.6079,
142.7962, 142.3221

■ 21.7107, 22.5696,
20.8228

170.3661,
178.1659, 178.7100

■ 13.7599, 14.2760,
12.8045

209.2726,
218.9411, 220.8249

■ 8.0344, 8.3129,
7.1650

253.6926,
265.5064, 269.0853

■ 4.1690, 4.2958,
3.4855

303.9915,

■ 1.7982, 1.8404,

318.2460, 323.9097

1.3475

360.5347,
377.5444, 385.7167

■ 0.5166, 0.5121,
0.1003

■ 0.0000, 0.0000,
0.0000

■ 62.5688, 65.2768,
63.3348

■ 62.5688, 65.2768,
63.3348

■ 57.8498, 59.6190,
50.1066

■ 67.8071, 71.3862,
78.5430

■ 53.6265, 54.3925,
38.7715

■ 73.5766, 77.9496,
95.8050

■ 49.8813, 49.5882,
29.2421

■ 78.2934, 84.3397,
106.7604

■ 46.5932, 45.1931,
21.4224

■ 81.2653, 90.2835,
107.7511

■ 43.7398, 41.1935,
15.2077

■ 83.0237, 93.8002,
108.3372

■ 41.2959, 37.5747,
10.4813

■ 39.2336, 34.3203,
7.1106

■ 37.5199, 31.4122,
4.9390

■ 36.1043, 28.8247,
3.7154

Harmonies

Analogous

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



63.9194, 65.2768, 65.0418



62.5688, 65.2768, 63.3348



61.0984, 65.2768, 63.6383

Triad

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



62.5688, 65.2768, 63.3348



59.3894, 65.2768, 73.8313



64.2384, 65.2768, 76.5279

Complementary

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



62.5688, 65.2768, 63.3348



58.8951, 62.3672, 75.9524

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.



62.9986, 65.2768, 79.0703



62.5688, 65.2768, 63.3348



60.2049, 65.2768, 77.4710

Square

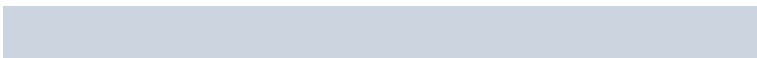
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.5688, 65.2768, 63.3348



59.2785, 65.2768, 69.5861



61.5214, 65.2768, 79.4222



64.8935, 65.2768, 72.5857

Rectangle

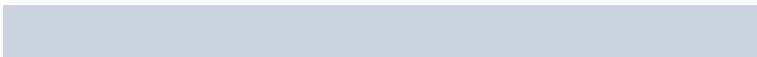
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5688, 65.2768, 63.3348



60.2474, 65.2768, 64.9438



61.5214, 65.2768, 79.4222



63.8753, 65.2768, 77.5812

Sweetspot

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



62.5706, 65.2797, 63.3362



92.7547, 97.3412, 102.1792



61.0228, 60.4619, 68.1294



19.7245, 20.6851, 21.4956



0.0000, 0.0000, 0.0000



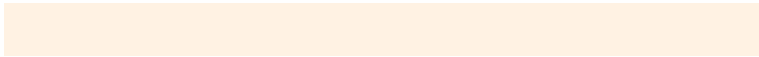
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5706, 65.2797, 63.3362



86.9646, 90.5360, 85.5285



64.5545, 69.6927, 64.0834



13.6469, 14.2332, 13.7536



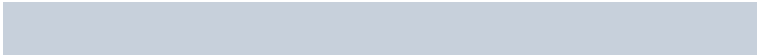
21.4511, 17.1878, 2.1870



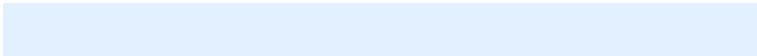
1.4753, 1.2847, 0.1702

Inverse Universe

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



58.8951, 62.3672, 75.9524



80.7454, 85.6081, 106.8760



57.0299, 58.2417, 75.2544



12.8185, 13.5768, 16.5971



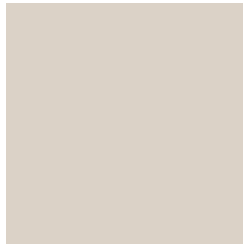
10.3055, 8.4805, 40.8321



0.7529, 0.7199, 2.6737

Previews

White Background



This preview shows how the XYZ color 62.5688, 65.2768, 63.3348 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 62.5688, 65.2768, 63.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

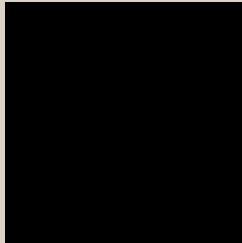
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

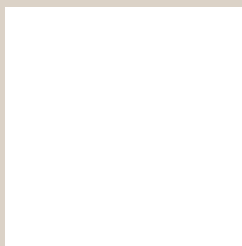
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5688, 65.2768, 63.3348

Background



This preview shows how black text looks on a background with the XYZ color 62.5688, 65.2768, 63.3348.

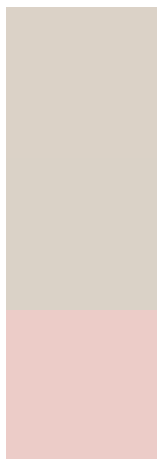


This preview shows how white text looks on a background with the XYZ color 62.5688, 65.2768,

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

62.5688, 65.2768, 63.3348

Protanopia

62.2688, 65.1221, 63.3207

Deuteranopia

66.6103, 65.1887, 63.7155



Tritanopia

65.5148, 64.9999, 78.9053

Trichromacy



Original Color

62.5688, 65.2768, 63.3348

Protanomaly

62.2688, 65.1221, 63.3207

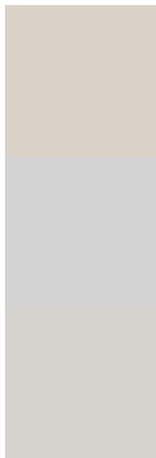
Deuteranomaly

65.1298, 65.1357, 63.7833

Tritanomaly

64.2692, 64.8528, 72.7488

Monochromacy



Original Color

62.5688, 65.2768, 63.3348

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.2883, 65.3897, 68.3700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5688, 65.2768, 63.3348 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, 199) looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 199) }
```

Border

The CSS property to change the border of an element to XYZ 62.5688, 65.2768, 63.3348 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, 199) }
```


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

```
.border{ border-color:rgb(219, 210, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 210, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 210, 199); box-shadow:4px 4px 4px 4px rgb(219, 210, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5688, 65.2768, 63.3348 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, 199) }
```

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

```
.background{ background-color: rgb(219,  
210, 199) }
```

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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