

Converting Colors

XYZ(62.6850, 65.2703, 63.6708)

Have a look what the booklet for
XYZ(62.6850, 65.2703, 63.6708)
contains.

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Color

**XYZ(62.6853, 65.3234,
63.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2C8
RGB	219, 210, 200
RGB Percent	86%, 82%, 78%
CMY	0.1412, 0.1764, 0.2157
CMYK	0.00, 0.04, 0.09, 0.14
HSL	32°, 21%, 82%
HSV	32°, 9%, 86%
XYZ	62.6853, 65.3234, 63.9484
YIQ	211.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

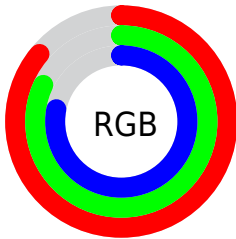
Format	Color
R_{YB}	217, 219, 200
Decimal	14406344
CIE Lab	84.65, 1.39, 6.05
CIE LCh	85, 6.203, 77.079
Yxy	65.3234, 0.3266, 0.3403
Android (android.graphics.Color)	4292596424 (0xFFDBD2C8)
YUV	211.5510, -5.6946, 6.5328
Hunter-Lab	80.8229, -2.9975, 9.6648

Details

The XYZ color **62.6853, 65.3234, 63.9484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4058, 62.9935, 76.0463**, and the grayscale version is **62.3155, 65.5607, 71.3956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3866, 33.7448, 32.0006** is the 20% darker color. If you saturate the color by 10%, you get **57.8299, 59.4190, 50.5940**, and if you desaturate by 10%, it is **68.0768, 71.7119, 79.2919**.

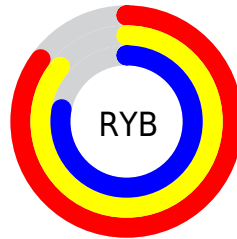
Distribution



Red (86%)

Green (82%)

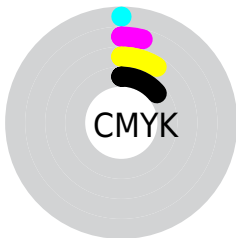
Blue (78%)



Red (85%)

Yellow (86%)

Blue (78%)

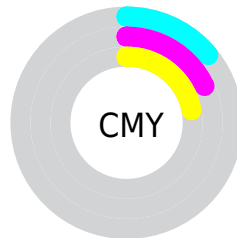


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (14%)



Cyan (14%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6853, 65.3234, 63.9484 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 62.6853, 65.3234, 63.9484 by changing the saturation by 10% instead.

■ 62.6853, 65.3234,
63.9484

■ 62.6853, 65.3234,
63.9484

424.1043,
443.9532, 457.2056

■ 45.8444, 47.7234,
46.1630

107.7997,
112.5147, 112.1354

■ 32.3271, 33.6079,
32.0248

136.8039,
142.8747, 143.3740

■ 21.7682, 22.5925,
21.1155

170.5933,
178.2569, 179.9341

■ 13.8024, 14.2929,
13.0164

209.5331,
219.0455, 222.2342

■ 8.0641, 8.3247,
7.3090

253.9887,
265.6251, 270.6929

■ 4.1881, 4.3034,
3.5747

304.3256,

■ 1.8091, 1.8447,

318.3800, 325.7286

1.3951

360.9090,
377.6945, 387.7600

■ 0.5232, 0.5148,
0.1379

■ 0.0000, 0.0000,
0.0000

■ 62.6853, 65.3234,
63.9484

■ 62.6853, 65.3234,
63.9484

■ 57.8299, 59.4190,
50.5940

■ 68.0768, 71.7119,
79.2919

■ 53.4867, 53.9778,
39.1417

■ 74.0168, 78.5879,
96.6981

■ 49.6376, 48.9895,
29.5043

■ 78.7521, 85.2571,
106.9133

■ 46.2614, 44.4404,
21.5862

■ 81.9112, 91.5753,
107.9664

■ 43.3349, 40.3157,
15.2828

■ 83.0237, 93.8002,
108.3372

■ 40.8329, 36.5997,
10.4778

■ 38.7267, 33.2750,
7.0394

■ 36.9834, 30.3224,
4.8121

■ 35.5543, 27.7160,
3.5591

Harmonies

Analogous

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



63.9191, 65.3234, 65.6859



62.6853, 65.3234, 63.9484



61.3091, 65.3234, 64.0819

Triad

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



62.6853, 65.3234, 63.9484



59.5770, 65.3234, 73.3896



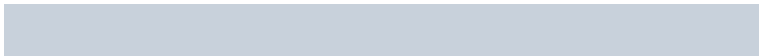
64.0586, 65.3234, 76.4472

Complementary

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



62.6853, 65.3234, 63.9484



59.4058, 62.9935, 76.0463

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.



62.8733, 65.3234, 78.6684



62.6853, 65.3234, 63.9484



60.2920, 65.3234, 76.8586

Square

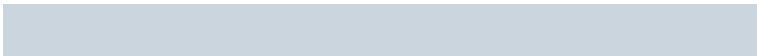
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.6853, 65.3234, 63.9484



59.5283, 65.3234, 69.4343



61.4944, 65.3234, 78.8217



64.7199, 65.3234, 72.8451

Rectangle

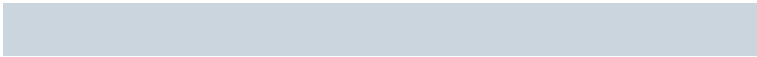
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.6853, 65.3234, 63.9484



60.4961, 65.3234, 65.2133



61.4944, 65.3234, 78.8217



63.7074, 65.3234, 77.3859

Sweetspot

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



62.6871, 65.3263, 63.9498



92.6980, 97.2278, 102.1603



61.3998, 60.9821, 68.9761



19.7092, 20.6544, 21.4905



0.0000, 0.0000, 0.0000



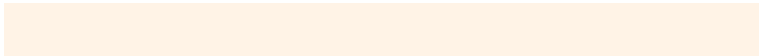
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6871, 65.3263, 63.9498



87.4815, 91.0025, 87.4498



64.8757, 69.8448, 64.7066



13.6206, 14.1806, 13.7448



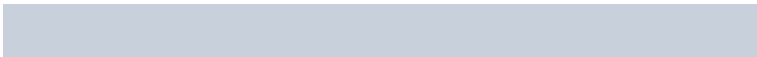
21.0891, 16.4638, 2.0663



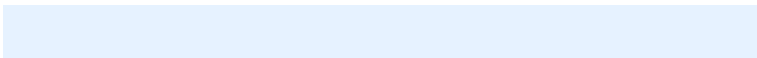
1.4523, 1.2387, 0.1626

Inverse Universe

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



59.4058, 62.9935, 76.0463



82.1481, 87.2109, 107.1115



57.3454, 58.7470, 75.3353



12.8446, 13.6289, 16.6058



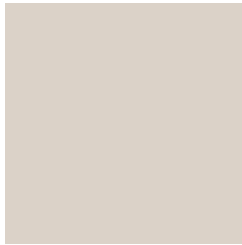
10.6063, 9.0820, 40.9324



0.7730, 0.7601, 2.6804

Previews

White Background



This preview shows how the XYZ color 62.6853, 65.3234, 63.9484 looks on a white background.

Color Contrast Check

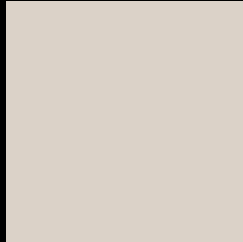
Large Text (above 18pt) WCAG AA × Fail

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 62.6853, 65.3234, 63.9484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

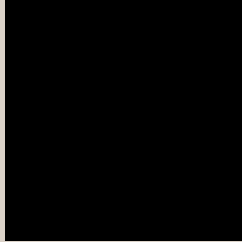
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

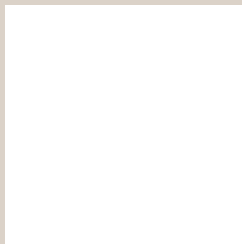
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6853, 65.3234, 63.9484

Background



This preview shows how black text looks on a background with the XYZ color 62.6853, 65.3234, 63.9484.

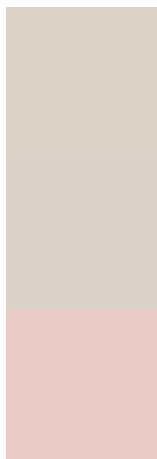


This preview shows how white text looks on a background with the XYZ color 62.6853, 65.3234,

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

62.6853, 65.3234, 63.9484

Protanopia

62.3854, 65.1687, 63.9343

Deuteranopia

66.3964, 65.0649, 64.3177



Tritanopia

65.7563, 65.4830, 78.9858

Trichromacy



Original Color

62.6853, 65.3234, 63.9484

Protanomaly

62.3854, 65.1687, 63.9343

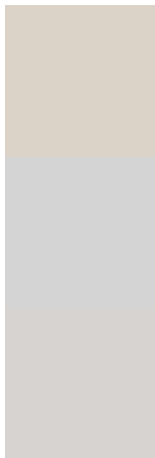
Deuteranomaly

64.9270, 65.0177, 64.3860

Tritanomaly

64.6404, 65.3902, 73.5046

Monochromacy



Original Color

62.6853, 65.3234, 63.9484

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7038, 65.5897, 69.0297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6853, 65.3234, 63.9484 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, 200) looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 200) }
```

Border

The CSS property to change the border of an element to XYZ 62.6853, 65.3234, 63.9484 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, 200) }
```


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

```
.border{ border-color:rgb(219, 210, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6853, 65.3234, 63.9484 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, 200) }
```

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

```
.background{ background-color: rgb(219,  
210, 200) }
```

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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