

Converting Colors

XYZ(63.3449, 66.1781, 65.1608)

Have a look what the booklet for
XYZ(63.3449, 66.1781, 65.1608)
contains.

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Color

**XYZ(63.1684, 65.9129,
65.2702)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD3CA
RGB	219, 211, 202
RGB Percent	86%, 83%, 79%
CMY	0.1412, 0.1725, 0.2078
CMYK	0.00, 0.04, 0.08, 0.14
HSL	32°, 19%, 83%
HSV	32°, 8%, 86%
XYZ	63.1684, 65.9129, 65.2702
YIQ	212.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

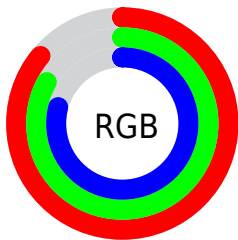
Format	Color
RYB	217, 219, 202
Decimal	14406602
CIELab	84.95, 1.20, 5.42
CIELCh	85, 5.551, 77.506
Yxy	65.9129, 0.3250, 0.3391
Android (android.graphics.Color)	4292596682 (0xFFDBD3CA)
YUV	212.3660, -5.1104, 5.8180
Hunter-Lab	81.1868, -3.1926, 9.1645

Details

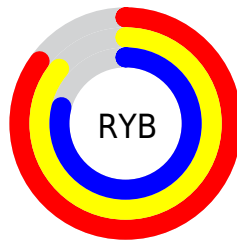
The XYZ color **63.1684, 65.9129, 65.2702** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1898, 63.7632, 76.1539**, and the grayscale version is **62.8538, 66.1270, 72.0124**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7121, 34.1446, 32.8834** is the 20% darker color. If you saturate the color by 10%, you get **58.2802, 59.9953, 51.7427**, and if you desaturate by 10%, it is **68.5924, 72.3115, 80.7934**.

Distribution



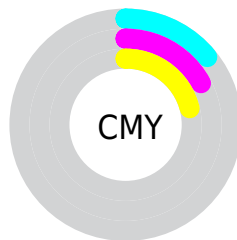
- Red (86%)
- Green (83%)
- Blue (79%)



- Red (85%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1684, 65.9129, 65.2702 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 63.1684, 65.9129, 65.2702 by changing the saturation by 10% instead.

■ 63.1684, 65.9129,
65.2702

■ 63.1684, 65.9129,
65.2702

425.8303,
446.0653, 462.0951

■ 46.2366, 48.2017,
47.2275

108.4929,
113.3613, 114.0552

■ 32.6380, 33.9866,
32.8599

137.6163,
143.8673, 145.6346

■ 22.0072, 22.8833,
21.7489

171.5343,
179.4070, 182.5633

■ 13.9788, 14.5074,
13.4760

210.6122,
220.3649, 225.2598

■ 8.1875, 8.4744,
7.6225

255.2154,
267.1252, 274.1427

■ 4.2680, 4.4000,
3.7701

305.7093,

■ 1.8548, 1.8997,

320.0725, 329.6305

1.5001

362.4591,
379.5911, 392.1418

■ 0.5504, 0.5482,
0.2180

■ 0.0000, 0.0000,
0.0000

■ 63.1684, 65.9129,
65.2702

■ 63.1684, 65.9129,
65.2702

■ 58.2802, 59.9953,
51.7427

■ 68.5924, 72.3115,
80.7934

■ 53.9037, 54.5379,
40.1245

■ 74.5640, 79.1941,
98.3853

■ 50.0212, 49.5305,
30.3288

■ 78.9885, 85.7296,
106.9921

■ 46.6116, 44.9596,
22.2609

■ 82.1397, 92.0322,
108.0425

■ 43.6520, 40.8108,
15.8169

■ 83.0238, 93.8003,
108.3372

■ 41.1175, 37.0685,
10.8821

■ 38.9800, 33.7157,
7.3260

■ 37.2068, 30.7335,
4.9960

■ 35.7542, 28.0982,
3.6798

Harmonies

Analogous

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



64.2820, 65.9129, 66.8228



63.1684, 65.9129, 65.2702



61.9298, 65.9129, 65.4162

Triad

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



63.1684, 65.9129, 65.2702



60.3892, 65.9129, 73.8534



64.4329, 65.9129, 76.5074

Complementary

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



63.1684, 65.9129, 65.2702



60.1898, 63.7632, 76.1539

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.



63.3723, 65.9129, 78.5181



63.1684, 65.9129, 65.2702



61.0424, 65.9129, 76.9513

Square

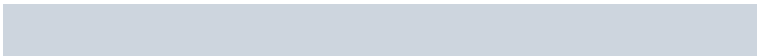
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.1684, 65.9129, 65.2702



60.3363, 65.9129, 70.2926



62.1309, 65.9129, 78.6832



65.0185, 65.9129, 73.2638

Rectangle

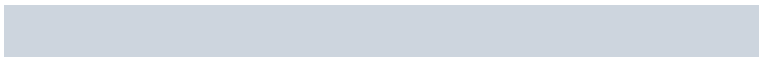
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.1684, 65.9129, 65.2702



61.1997, 65.9129, 66.4571



62.1309, 65.9129, 78.6832



64.1194, 65.9129, 77.3544

Sweetspot

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



63.1702, 65.9158, 65.2716



93.4791, 98.1549, 104.3792



61.9947, 61.9660, 69.8084



20.0249, 21.0286, 22.3888



0.0000, 0.0000, 0.0000



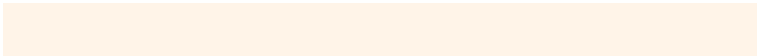
20.3446, 21.4041, 23.3091

Same Dimension

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



63.1702, 65.9158, 65.2716



88.2251, 91.9141, 89.4724



65.1213, 69.9444, 65.9464



13.6241, 14.1875, 13.7460



21.1355, 16.5566, 2.0818



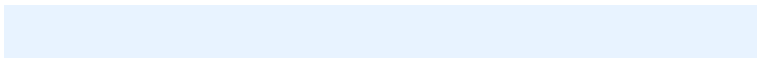
1.4553, 1.2447, 0.1635

Inverse Universe

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



60.1898, 63.7632, 76.1539



83.3491, 88.3924, 107.2762



58.3415, 59.9526, 75.5158



12.8412, 13.6221, 16.6047



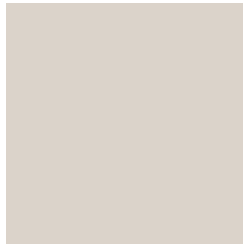
10.5658, 9.0010, 40.9189



0.7703, 0.7547, 2.6795

Previews

White Background



This preview shows how the XYZ color 63.1684, 65.9129, 65.2702 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 63.1684, 65.9129, 65.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

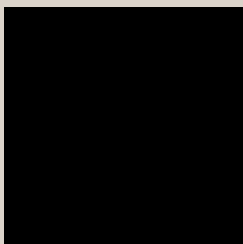
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

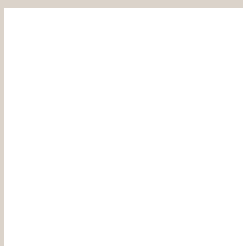
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1684, 65.9129, 65.2702

Background



This preview shows how black text looks on a background with the XYZ color 63.1684, 65.9129, 65.2702.

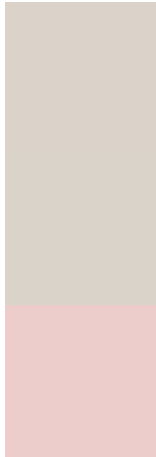


This preview shows how white text looks on a background with the XYZ color 63.1684, 65.9129,

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

63.1684, 65.9129, 65.2702

Protanopia

62.8684, 65.7582, 65.2562

Deuteranopia

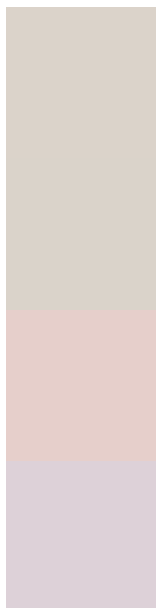
67.2029, 65.8073, 65.6600



Tritanopia

66.1346, 66.0232, 79.7791

Trichromacy



Original Color

63.1684, 65.9129, 65.2702

Protanomaly

62.8684, 65.7582, 65.2562

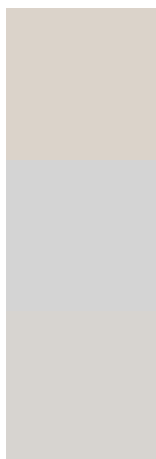
Deuteranomaly

65.7254, 65.7604, 65.7288

Tritanomaly

65.0139, 65.9309, 74.2651

Monochromacy



Original Color

63.1684, 65.9129, 65.2702

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9530, 66.0881, 69.1128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1684, 65.9129, 65.2702 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, 211, 202) looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 202)  
}
```

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, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 202) }
```

Border

The CSS property to change the border of an element to XYZ 63.1684, 65.9129, 65.2702 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, 211, 202) }
```


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

```
.border{ border-color:rgb(219, 211, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 211, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1684, 65.9129, 65.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 202) }
```

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

```
.background{ background-color: rgb(219,  
211, 202) }
```

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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