

Converting Colors

XYZ(65.2439, 69.7829, 66.5311)

Have a look what the booklet for
XYZ(65.2439, 69.7829, 66.5311)
contains.

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Color

**XYZ(65.0643, 69.5147,
66.4883)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDACB
RGB	219, 218, 203
RGB Percent	86%, 85%, 80%
CMY	0.1412, 0.1451, 0.2039
CMYK	0.00, 0.00, 0.07, 0.14
HSL	56°, 18%, 83%
HSV	56°, 7%, 86%
XYZ	65.0643, 69.5147, 66.4883
YIQ	216.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

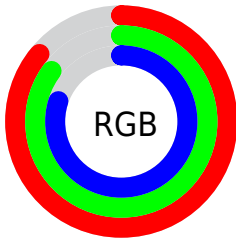
Format	Color
RYB	204, 219, 203
Decimal	14408395
CIELab	86.76, -2.26, 7.49
CIELCh	87, 7.826, 106.804
Yxy	69.5147, 0.3236, 0.3457
Android (android.graphics.Color)	4292598475 (0xFFDBDACB)
YUV	216.5890, -6.6994, 2.1144
Hunter-Lab	83.3755, -6.6098, 11.0816

Details

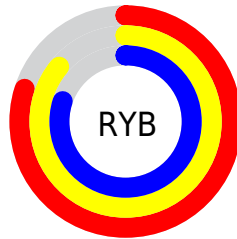
The XYZ color **65.0643, 69.5147, 66.4883** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0075, 60.9956, 75.6818**, and the grayscale version is **65.7155, 69.1378, 75.2911**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8319, 36.2568, 33.6489** is the 20% darker color. If you saturate the color by 10%, you get **62.2855, 67.8423, 53.5827**, and if you desaturate by 10%, it is **68.2186, 71.3465, 81.3396**.

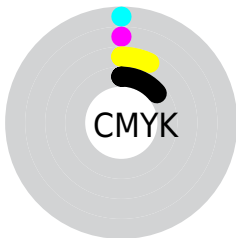
Distribution



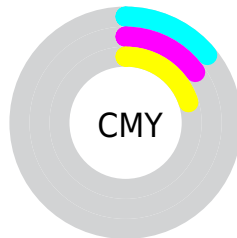
- Red (86%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0643, 69.5147, 66.4883 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 65.0643, 69.5147, 66.4883 by changing the saturation by 10% instead.

■ 65.0643, 69.5147,
66.4883

■ 65.0643, 69.5147,
66.4883

432.5646,
458.8442, 466.5730

■ 47.7781, 51.1310,
48.2099

111.2075,
118.5164, 115.8206

■ 33.8617, 36.3129,
33.6320

140.7952,
149.9032, 147.7115

■ 22.9498, 24.6759,
22.3360

175.2141,
186.3932, 184.9771

■ 14.6769, 15.8358,
13.9033

214.8297,
228.3707, 228.0358

■ 8.6778, 9.4080,
7.9154

260.0071,
276.2202, 277.3062

■ 4.5870, 5.0083,
3.9539

311.1118,

■ 2.0393, 2.2521,

330.3260, 333.2069

1.6001

368.5092,
391.0725, 396.1563

■ 0.6559, 0.7482,
0.2909

■ 0.0000, 0.0000,
0.0000

■ 65.0643, 69.5147,
66.4883

■ 65.0643, 69.5147,
66.4883

■ 62.2855, 67.8423,
53.5827

■ 68.2186, 71.3465,
81.3396

■ 59.8610, 66.3140,
42.5375

■ 71.7571, 73.3343,
98.2083

■ 57.7764, 64.9263,
33.2673

■ 73.4099, 74.5725,
105.1326

■ 56.0137, 63.6720,
25.6786

■ 73.7735, 75.2998,
105.2538

■ 54.5537, 62.5434,
19.6695

■ 74.1400, 76.0329,
105.3760

■ 53.3749, 61.5318,
15.1265

■ 74.5095, 76.7718,
105.4991

■ 52.4528, 60.6275,
11.9216

■ 74.8820, 77.5167,
105.6233

■ 51.7589, 59.8190,
9.9044

■ 75.2574, 78.2675,
105.7484

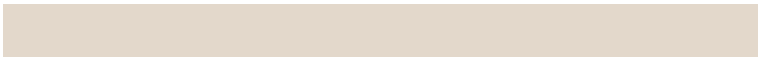
■ 51.2550, 59.0911,
8.8737

■ 75.6357, 79.0242,
105.8745

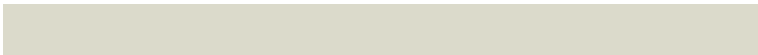
Harmonies

Analogous

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



66.8743, 69.5147, 66.3385



65.0643, 69.5147, 66.4883



63.5512, 69.5147, 69.0297

Triad

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



65.0643, 69.5147, 66.4883



63.7033, 69.5147, 83.2398



69.5403, 69.5147, 78.0025

Complementary

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



65.0643, 69.5147, 66.4883



59.0075, 60.9956, 75.6818

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.



68.6578, 69.5147, 82.7648



65.0643, 69.5147, 66.4883



65.2754, 69.5147, 85.8808

Square

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



65.0643, 69.5147, 66.4883



62.7754, 69.5147, 78.6266



67.0893, 69.5147, 85.7031



69.4813, 69.5147, 72.8268

Rectangle

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



65.0643, 69.5147, 66.4883



62.9045, 69.5147, 71.8075



67.0893, 69.5147, 85.7031



69.3433, 69.5147, 79.7093

Sweetspot

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



65.0662, 69.5177, 66.4898



94.1385, 99.4735, 104.5990



61.4773, 62.1357, 65.9228



20.1591, 21.2970, 22.4335



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.



65.0662, 69.5177, 66.4898



91.1187, 97.7013, 90.4369



63.2824, 68.9826, 66.4805



14.0892, 15.1178, 13.9010



30.3503, 34.9861, 5.1534



1.9877, 2.3095, 0.3410

Inverse Universe

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



59.0075, 60.9956, 75.6818



80.6194, 82.9330, 106.3663



60.7024, 61.5192, 75.6936



12.4034, 12.7466, 16.4587



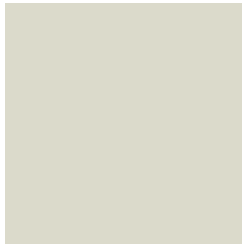
7.6989, 3.2672, 39.9633



0.5222, 0.2585, 2.5968

Previews

White Background



This preview shows how the XYZ color 65.0643, 69.5147, 66.4883 looks on a white background.

Color Contrast Check

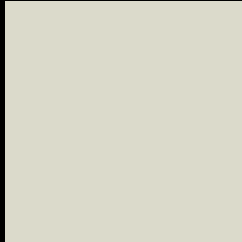
Large Text (above 18pt) WCAG AA × Fail

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 65.0643, 69.5147, 66.4883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

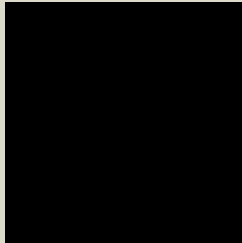
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

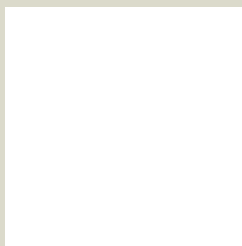
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0643, 69.5147, 66.4883

Background



This preview shows how black text looks on a background with the XYZ color 65.0643, 69.5147, 66.4883.



This preview shows how white text looks on a background with the XYZ color 65.0643, 69.5147,

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

65.0643, 69.5147, 66.4883

Protanopia

66.2679, 69.3836, 65.7768

Deuteranopia

71.0282, 69.5557, 67.4396



Tritanopia

68.9018, 69.5506, 85.3944

Trichromacy



Original Color

65.0643, 69.5147, 66.4883

Protanomaly

65.9049, 69.5780, 65.8334

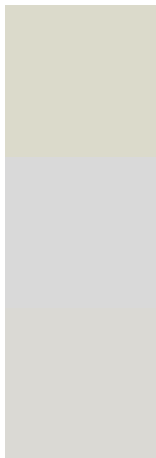
Deuteranomaly

68.6250, 69.4406, 66.9132

Tritanomaly

67.4758, 69.3509, 78.2363

Monochromacy



Original Color

65.0643, 69.5147, 66.4883

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.6100, 69.2846, 72.2026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0643, 69.5147, 66.4883 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, 218, 203) looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 203)  
}
```

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, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 203) }
```

Border

The CSS property to change the border of an element to XYZ 65.0643, 69.5147, 66.4883 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, 218, 203) }
```


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

```
.border{ border-color:rgb(219, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0643, 69.5147, 66.4883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 203) }
```

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

```
.background{ background-color: rgb(219,  
218, 203) }
```

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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