

Converting Colors

XYZ(65.4836, 66.9797, 71.1050)

Have a look what the booklet for
XYZ(65.4836, 66.9797, 71.1050)
contains.

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Color

**XYZ(65.4836, 66.9797,
71.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD3D3
RGB	223, 211, 211
RGB Percent	87%, 83%, 83%
CMY	0.1255, 0.1725, 0.1725
CMYK	0.00, 0.05, 0.05, 0.13
HSL	0°, 16%, 85%
HSV	0°, 5%, 87%
XYZ	65.4836, 66.9797, 71.1050
YIQ	214.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

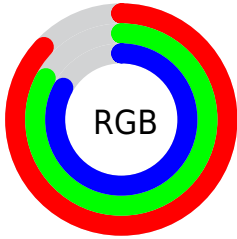
Format	Color
RYB	223, 211, 211
Decimal	14668755
CIELab	85.49, 4.13, 1.47
CIELCh	85, 4.387, 19.599
Yxy	66.9797, 0.3217, 0.3290
Android (android.graphics.Color)	4292858835 (0xFFDFD3D3)
YUV	214.5880, -1.7689, 7.3773
Hunter-Lab	81.8411, -0.3986, 5.7766

Details

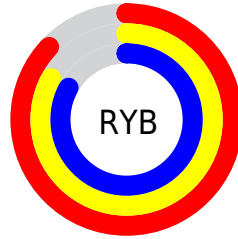
The XYZ color **65.4836, 66.9797, 71.1050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5708, 71.9508, 80.1922**, and the grayscale version is **64.3226, 67.6724, 73.6952**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2912, 34.8731, 36.8221** is the 20% darker color. If you saturate the color by 10%, you get **57.7206, 55.6210, 55.6680**, and if you desaturate by 10%, it is **74.4063, 80.0354, 88.8436**.

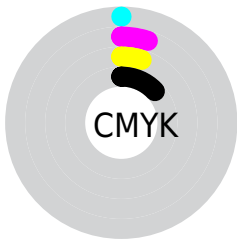
Distribution



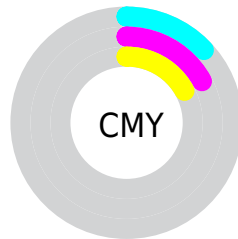
- Red (87%)
- Green (83%)
- Blue (83%)



- Red (87%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4836, 66.9797, 71.1050 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 65.4836, 66.9797, 71.1050 by changing the saturation by 10% instead.

65.4836, 66.9797,
71.1050

65.4836, 66.9797,
71.1050

434.0456,
449.8725, 483.3140

48.1195, 49.0681,
51.9455

111.8067,
114.8913, 122.4791

34.1332, 34.6735,
36.5797

141.4964,
145.6602, 155.5308

23.1593, 23.4115,
24.5890

176.0253,
181.4836, 194.0503

14.8325, 14.8976,
15.5549

215.7587,
222.7459, 238.4561

8.7875, 8.7476,
9.0588

261.0621,
269.8316, 289.1669

4.6588, 4.5769,
4.6822

312.3009,

2.0812, 2.0012,

323.1249, 346.6011

2.0066

369.8402,
383.0105, 411.1773

■ 0.6790, 0.6082,
0.5593

■ 0.0000, 0.0000,
0.0000

■ 65.4836, 66.9797,
71.1050

■ 65.4836, 66.9797,
71.1050

■ 57.7206, 55.6210,
55.6680

■ 74.4063, 80.0354,
88.8436

■ 51.0643, 45.8815,
42.4343

■ 84.2418, 94.4282,
108.3942

■ 45.4661, 37.6899,
31.3046

■ 40.8716, 30.9668,
22.1708

■ 37.2213, 25.6253,
14.9147

■ 34.4498, 21.5695,
9.4060

■ 32.4831, 18.6913,
5.4977

■ 31.2353, 16.8649,
3.0186

■ 30.6008, 15.9359,
1.7589

Harmonies

Analogous

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



65.5646, 66.9797, 73.9243



65.4836, 66.9797, 71.1050



64.9116, 66.9797, 68.8316

Triad

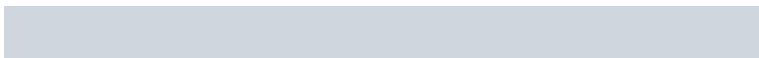
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4836, 66.9797, 71.1050



62.2148, 66.9797, 69.4318



63.3170, 66.9797, 78.4587

Complementary

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



65.4836, 66.9797, 71.1050



66.5708, 71.9508, 80.1922

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.



62.4289, 66.9797, 77.1869



65.4836, 66.9797, 71.1050



61.7969, 66.9797, 71.9437

Square

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



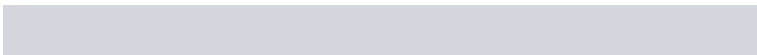
65.4836, 66.9797, 71.1050



63.0219, 66.9797, 67.8832



61.8749, 66.9797, 74.7850



64.3068, 66.9797, 78.2199

Rectangle

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



65.4836, 66.9797, 71.1050



64.3322, 66.9797, 67.9082



61.8749, 66.9797, 74.7850



62.9969, 66.9797, 78.1924

Sweetspot

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



65.4855, 66.9826, 71.1064



92.6347, 96.4660, 104.0977



67.0459, 67.6052, 79.3284



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

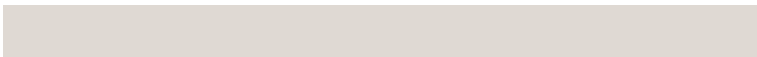
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4855, 66.9826, 71.1064



87.9970, 89.6801, 94.8767



67.0031, 70.0178, 71.6123



14.2094, 14.4354, 15.2264



17.8938, 9.2255, 0.8376



1.2404, 0.6397, 0.0581

Inverse Universe

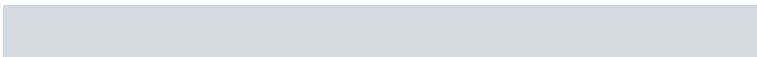
The Inverse Universe completely reimagines the original color for something new.



66.5708, 71.9508, 80.1922



89.6418, 97.2096, 108.6464



64.9970, 68.8033, 79.6676



14.5009, 15.7701, 17.6673



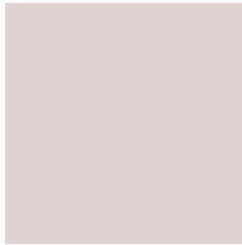
23.3357, 34.1409, 46.4083



1.6176, 2.3667, 3.2168

Previews

White Background



This preview shows how the XYZ color 65.4836, 66.9797, 71.1050 looks on a white background.

Color Contrast Check

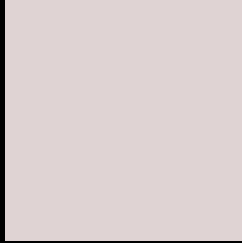
Large Text (above 18pt) WCAG AA × Fail

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 65.4836, 66.9797, 71.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

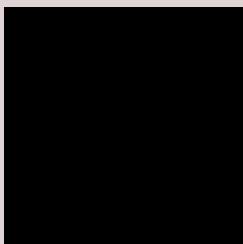
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

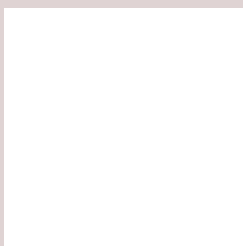
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4836, 66.9797, 71.1050

Background



This preview shows how black text looks on a background with the XYZ color 65.4836, 66.9797, 71.1050.

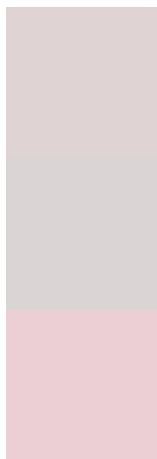


This preview shows how white text looks on a background with the XYZ color 65.4836, 66.9797,

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

65.4836, 66.9797, 71.1050

Protanopia

64.5914, 67.2474, 71.8631

Deuteranopia

68.4574, 67.0413, 71.6195



Tritanopia

67.4424, 67.0447, 80.6205

Trichromacy



Original Color

65.4836, 66.9797, 71.1050

Protanomaly

64.9423, 67.0561, 71.8076

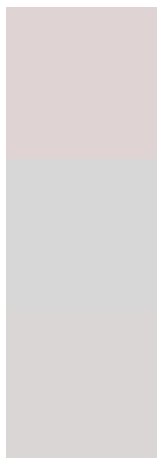
Deuteranomaly

67.3945, 66.8541, 71.6394

Tritanomaly

66.7053, 67.1078, 77.1475

Monochromacy



Original Color

65.4836, 66.9797, 71.1050

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0976, 67.8536, 73.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4836, 66.9797, 71.1050 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(223, 211, 211) looks like.

```
.text, #text, p{  
    color:rgb(223, 211, 211)  
}
```

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(223, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 65.4836, 66.9797, 71.1050 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(223, 211, 211) }
```


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

```
.border{ border-color:rgb(223, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4836, 66.9797, 71.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 211, 211) }
```

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

```
.background{ background-color: rgb(223,  
211, 211) }
```

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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