

Converting Colors

XYZ(66.2219, 67.2659, 81.6787)

Have a look what the booklet for
XYZ(66.2219, 67.2659, 81.6787)
contains.

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Color

**XYZ(65.9352, 66.9849,
81.4057)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DAD3E2 |
| RGB | 218, 211, 226 |
| RGB Percent | 85%, 83%, 89% |
| CMY | 0.1451, 0.1725, 0.1137 |
| CMYK | 0.04, 0.07, 0.00, 0.11 |
| HSL | 268°, 21%, 86% |
| HSV | 268°, 7%, 89% |
| XYZ | 65.9352, 66.9849, 81.4057 |
| YIQ | 214.8030, -0.6430, 6.1490 |

Conversions

Conversions Part 2

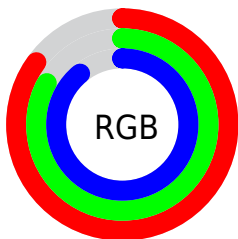
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 218, 211, 226 |
| Decimal | 14341090 |
| CIE Lab | 85.50, 5.13, -6.53 |
| CIE LCh | 85, 8.305, 308.186 |
| Yxy | 66.9849, 0.3076, 0.3125 |
| Android (android.graphics.Color) | 4292531170 (0xFFDAD3E2) |
| YUV | 214.8030, 5.5201, 2.8038 |
| Hunter-Lab | 81.8443, 0.5752, -1.6813 |

Details

The XYZ color **65.9352, 66.9849, 81.4057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1700, 74.1576, 72.3522**, and the grayscale version is **64.4239, 67.7789, 73.8113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5119, 34.8407, 43.4340** is the 20% darker color. If you saturate the color by 10%, you get **57.2362, 54.7448, 79.5026**, and if you desaturate by 10%, it is **75.6897, 80.9446, 83.5871**.

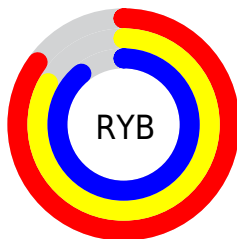
Distribution



Red (85%)

Green (83%)

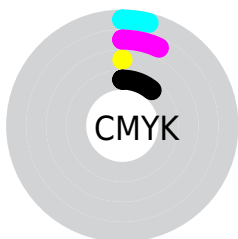
Blue (89%)



Red (85%)

Yellow (83%)

Blue (89%)

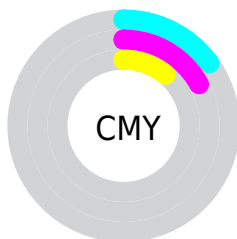


Cyan (4%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9352, 66.9849, 81.4057 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 65.9352, 66.9849, 81.4057 by changing the saturation by 10% instead.

65.9352, 66.9849,
81.4057

65.9352, 66.9849,
81.4057

435.6374,
449.8910, 519.4888

48.4873, 49.0724,
60.3428

112.4516,
114.8988, 137.1695

34.4258, 34.6769,
43.2679

142.2508,
145.6689, 172.7075

23.3853, 23.4141,
29.7624

176.8978,
181.4937, 213.9076

15.0006, 14.8996,
19.4078

216.7579,
222.7575, 261.1883

8.9061, 8.7489,
11.7855

262.1966,
269.8447, 314.9683

4.7366, 4.5778,
6.4771

313.5792,

2.1267, 2.0017,

323.1398, 375.6660

3.0638

371.2710,
383.0271, 443.7000

■ 0.7037, 0.6085,
1.1273

■ 0.0000, 0.0000,
0.0000

■ 65.9352, 66.9849,
81.4057

■ 65.9352, 66.9849,
81.4057

■ 57.2362, 54.7448,
79.5026

■ 75.6897, 80.9446,
83.5871

■ 49.5485, 44.1474,
77.8623

■ 86.1444, 95.9083,
85.9244

■ 42.8334, 35.1225,
76.4742

■ 90.4224, 98.1137,
86.1246

■ 37.0470, 27.5914,
75.3256

■ 90.7277, 98.2711,
86.1388

■ 32.1421, 21.4684,
74.4022

■ 28.0665, 16.6589,
73.6887

■ 24.7618, 13.0560,
73.1675

■ 22.1606, 10.5353,
72.8180

■ 20.1788, 8.9393,
72.6144

Harmonies

Analogous

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



64.1848, 66.9849, 83.7043



65.9352, 66.9849, 81.4057



67.0932, 66.9849, 76.8624

Triad

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



65.9352, 66.9849, 81.4057



65.0240, 66.9849, 63.7128



60.1451, 66.9849, 74.4239

Complementary

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



65.9352, 66.9849, 81.4057



68.1700, 74.1576, 72.3522

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.



60.3598, 66.9849, 69.1441



65.9352, 66.9849, 81.4057



63.1522, 66.9849, 63.1318

Square

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



65.9352, 66.9849, 81.4057



66.5599, 66.9849, 66.7018



61.4517, 66.9849, 65.0736



60.8594, 66.9849, 79.5453

Rectangle

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



65.9352, 66.9849, 81.4057



67.3605, 66.9849, 73.2643



61.4517, 66.9849, 65.0736



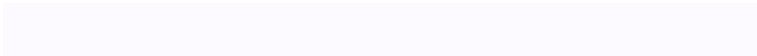
60.1113, 66.9849, 72.6070

Sweetspot

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



65.9371, 66.9878, 81.4072



92.4507, 96.2768, 108.3183



65.9906, 70.1358, 82.0120



19.8155, 20.6462, 23.1907



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.



65.9371, 66.9878, 81.4072



84.9931, 85.6621, 106.6626



68.1530, 68.1301, 81.5109



13.5570, 13.5551, 17.2896



11.3193, 4.9306, 41.4035



0.8872, 0.3947, 2.8747

Inverse Universe

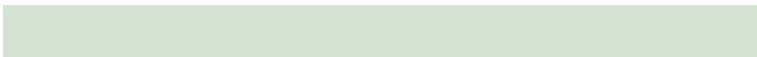
The Inverse Universe completely reimagines the original color for something new.



67.4467, 67.8747, 76.5672



87.3891, 87.0699, 98.9727



66.0360, 73.0575, 72.2523



14.0113, 13.8222, 15.8297



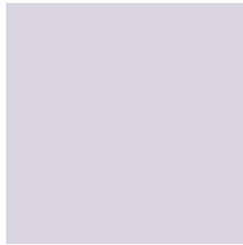
19.9071, 10.0299, 11.4427



1.4250, 0.7133, 1.0308

Previews

White Background



This preview shows how the XYZ color 65.9352, 66.9849, 81.4057 looks on a white background.

Color Contrast Check

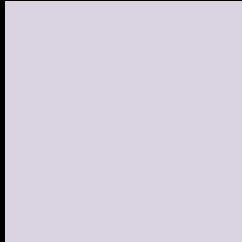
Large Text (above 18pt) WCAG AA × Fail

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 65.9352, 66.9849, 81.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

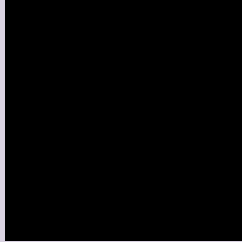
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9352, 66.9849, 81.4057

Background



This preview shows how black text looks on a background with the XYZ color 65.9352, 66.9849, 81.4057.

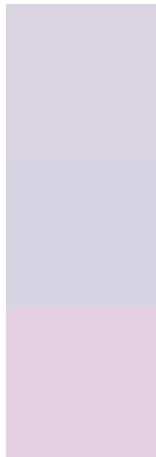


This preview shows how white text looks on a background with the XYZ color 65.9352, 66.9849,

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

65.9352, 66.9849, 81.4057

Protanopia

65.1402, 66.9292, 82.1584

Deuteranopia

68.1729, 66.6657, 81.9477



Tritanopia

66.0728, 67.0400, 82.1306

Trichromacy



Original Color

65.9352, 66.9849, 81.4057

Protanomaly

65.4329, 67.0801, 82.1721

Deuteranomaly

67.1615, 66.5051, 81.9700

Tritanomaly

66.0728, 67.0400, 82.1306

Monochromacy



Original Color

65.9352, 66.9849, 81.4057

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1517, 67.8065, 76.6719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9352, 66.9849, 81.4057 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(218, 211, 226) looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 226)  
}
```

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(218, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 226) }
```

Border

The CSS property to change the border of an element to XYZ 65.9352, 66.9849, 81.4057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

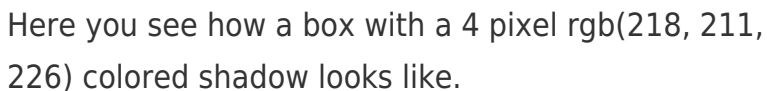
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 211, 226) }
```


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

```
.border{ border-color:rgb(218, 211, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 211, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 211, 226); box-shadow:4px 4px 4px 4px rgb(218, 211, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9352, 66.9849, 81.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 226) }
```

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

```
.background{ background-color: rgb(218,  
211, 226) }
```

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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