

Converting Colors

XYZ(65.6824, 66.9143, 78.7744)

Have a look what the booklet for
XYZ(65.6824, 66.9143, 78.7744)
contains.

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Color

**XYZ(65.6925, 66.9225,
78.5622)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD3DE
RGB	219, 211, 222
RGB Percent	86%, 83%, 87%
CMY	0.1412, 0.1725, 0.1294
CMYK	0.01, 0.05, 0.00, 0.13
HSL	284°, 14%, 85%
HSV	284°, 5%, 87%
XYZ	65.6925, 66.9225, 78.5622
YIQ	214.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

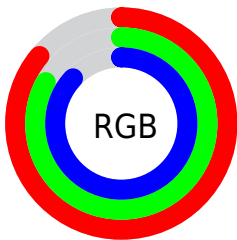
Format	Color
R _Y B	219, 211, 222
Decimal	14406622
CIE Lab	85.46, 4.73, -4.44
CIE LCh	85, 6.487, 316.767
Yxy	66.9225, 0.3111, 0.3169
Android (android.graphics.Color)	4292596702 (0xFFDBD3DE)
YUV	214.6460, 3.6255, 3.8185
Hunter-Lab	81.8062, 0.1794, 0.3254

Details

The XYZ color **65.6925, 66.9225, 78.5622** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6132, 71.2436, 71.9246**, and the grayscale version is **64.3293, 67.6794, 73.7029**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3419, 34.7965, 41.4656** is the 20% darker color. If you saturate the color by 10%, you get **58.7654, 55.7233, 76.7666**, and if you desaturate by 10%, it is **73.4514, 79.6849, 80.6177**.

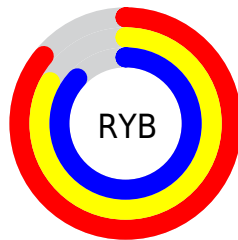
Distribution



Red (86%)

Green (83%)

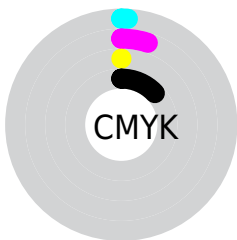
Blue (87%)



Red (86%)

Yellow (83%)

Blue (87%)

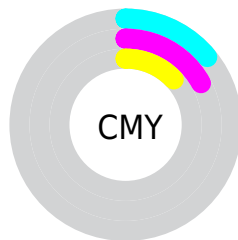


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6925, 66.9225, 78.5622 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 65.6925, 66.9225, 78.5622 by changing the saturation by 10% instead.

■ 65.6925, 66.9225,
78.5622

■ 65.6925, 66.9225,
78.5622

434.7823,
449.6689, 509.6524

■ 48.2896, 49.0216,
58.0167

112.1051,
114.8094, 133.1354

■ 34.2685, 34.6367,
41.4073

141.8454,
145.5641, 168.0003

■ 23.2638, 23.3831,
28.3154

176.4290,
181.3724, 208.4753

■ 14.9102, 14.8767,
18.3224

216.2211,
222.6184, 254.9791

■ 8.8423, 8.7329,
11.0099

261.5872,
269.6867, 307.9301

■ 4.6947, 4.5674,
5.9592

312.8925,

■ 2.1022, 1.9957,

322.9616, 367.7470

2.7519

370.5024,
382.8275, 434.8483

■ 0.6904, 0.6050,
0.9694

■ 0.0000, 0.0000,
0.0000

■ 65.6925, 66.9225,
78.5622

■ 65.6925, 66.9225,
78.5622

■ 58.7654, 55.7233,
76.7666

■ 73.4514, 79.6849,
80.6177

■ 52.6326, 46.0163,
75.2162

■ 81.9368, 93.8019,
82.8953

■ 47.2621, 37.7377,
73.9014

■ 83.9270, 94.8279,
82.9884

■ 42.6177, 30.8157,
72.8101

■ 85.9854, 95.8890,
83.0848

■ 38.6595, 25.1723,
71.9294

■ 88.1128, 96.9858,
83.1843

■ 35.3441, 20.7211,
71.2450

■ 90.1850, 98.0540,
83.2813

■ 32.6223, 17.3652,
70.7407

■ 30.4372, 14.9919,
70.3977

■ 28.7193, 13.4634,
70.1933

Harmonies

Analogous

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



64.4279, 66.9225, 80.9080



65.6925, 66.9225, 78.5622



66.4032, 66.9225, 74.7387

Triad

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



65.6925, 66.9225, 78.5622



64.2580, 66.9225, 65.2573



60.9359, 66.9225, 75.2310

Complementary

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



65.6925, 66.9225, 78.5622



65.6132, 71.2436, 71.9246

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.



60.8920, 66.9225, 71.0273



65.6925, 66.9225, 78.5622



62.7947, 66.9225, 65.3776

Square

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



65.6925, 66.9225, 78.5622



65.5664, 66.9225, 67.1191



61.5677, 66.9225, 67.4543



61.6886, 66.9225, 78.9345

Rectangle

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



65.6925, 66.9225, 78.5622



66.4603, 66.9225, 71.9161



61.5677, 66.9225, 67.4543



60.8382, 66.9225, 73.8267

Sweetspot

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



65.6944, 66.9254, 78.5637



93.9864, 98.2521, 108.6187



64.1276, 67.2779, 78.7143



20.1282, 21.0484, 23.2518



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.



65.6944, 66.9254, 78.5637



88.8429, 89.8406, 107.2662



66.2880, 67.2680, 76.9361



14.3586, 14.4634, 17.4226



16.7261, 7.7180, 41.6565



1.2439, 0.5785, 2.8914

Inverse Universe

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



65.5584, 66.9762, 73.0940



88.6218, 89.9277, 98.1745



65.0466, 70.9167, 73.4690



14.3198, 14.4791, 15.8093



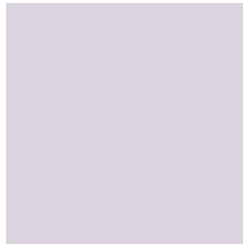
18.4267, 9.4377, 3.6467



1.3143, 0.6690, 0.4480

Previews

White Background



This preview shows how the XYZ color 65.6925, 66.9225, 78.5622 looks on a white background.

Color Contrast Check

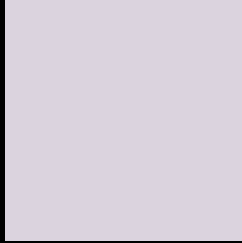
Large Text (above 18pt) WCAG AA × Fail

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 65.6925, 66.9225, 78.5622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

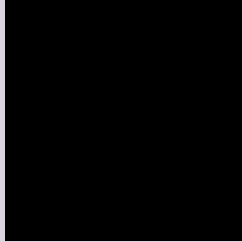
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

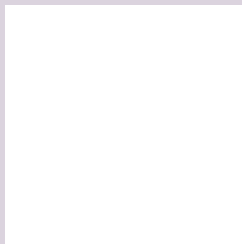
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6925, 66.9225, 78.5622

Background



This preview shows how black text looks on a background with the XYZ color 65.6925, 66.9225, 78.5622.

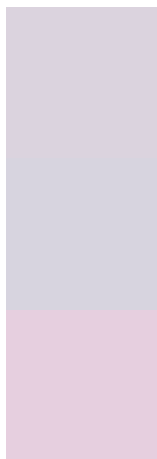


This preview shows how white text looks on a background with the XYZ color 65.6925, 66.9225,

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

65.6925, 66.9225, 78.5622

Protanopia

64.8871, 66.8618, 79.2977

Deuteranopia

68.2652, 66.7764, 79.1032



Tritanopia

66.4269, 66.8549, 82.0763

Trichromacy



Original Color

65.6925, 66.9225, 78.5622

Protanomaly

65.1817, 67.0136, 79.3115

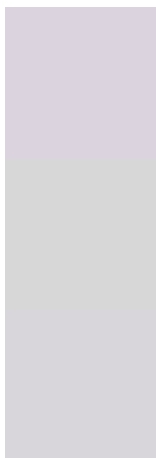
Deuteranomaly

67.2392, 66.6082, 79.1248

Tritanomaly

66.1524, 66.7451, 80.6306

Monochromacy



Original Color

65.6925, 66.9225, 78.5622

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0204, 67.7540, 75.9806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6925, 66.9225, 78.5622 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, 222) looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.6925, 66.9225, 78.5622 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, 222) }
```


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

```
.border{ border-color:rgb(219, 211, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6925, 66.9225, 78.5622 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, 222) }
```

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

```
.background{ background-color: rgb(219,  
211, 222) }
```

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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