

Converting Colors

XYZ(66.2767, 65.5657, 78.5099)

Have a look what the booklet for
XYZ(66.2767, 65.5657, 78.5099)
contains.

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Color

**XYZ(65.9966, 65.2638,
78.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CEDE
RGB	224, 206, 222
RGB Percent	88%, 81%, 87%
CMY	0.1216, 0.1921, 0.1294
CMYK	0.00, 0.08, 0.01, 0.12
HSL	307°, 22%, 84%
HSV	307°, 8%, 88%
XYZ	65.9966, 65.2638, 78.2260
YIQ	213.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

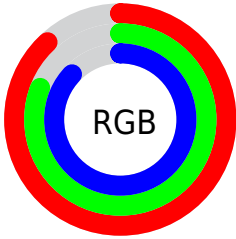
Format	Color
R _Y B	224, 206, 222
Decimal	14733022
CIE Lab	84.62, 9.05, -5.64
CIE LCh	85, 10.667, 328.050
Yxy	65.2638, 0.3150, 0.3115
Android (android.graphics.Color)	4292923102 (0xFFE0CEDE)
YUV	213.2060, 4.3354, 9.4663
Hunter-Lab	80.7860, 4.4467, -0.8610

Details

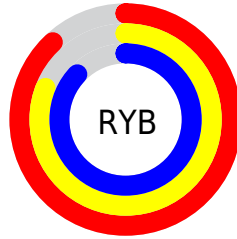
The XYZ color **65.9966, 65.2638, 78.2260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4969, 70.9890, 70.0336**, and the grayscale version is **63.3545, 66.6539, 72.5861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5655, 33.6815, 41.2386** is the 20% darker color. If you saturate the color by 10%, you get **60.6532, 55.1061, 74.8113**, and if you desaturate by 10%, it is **72.1172, 76.9661, 81.9256**.

Distribution



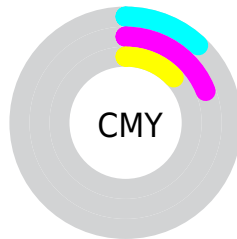
- Red (88%)
- Green (81%)
- Blue (87%)



- Red (88%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9966, 65.2638, 78.2260 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 65.9966, 65.2638, 78.2260 by changing the saturation by 10% instead.

65.9966, 65.2638,
78.2260

65.9966, 65.2638,
78.2260

435.8536,
443.7393, 508.4823

48.5373, 47.6750,
57.7421

112.5392,
112.4290, 132.6574

34.4656, 33.5696,
41.1880

142.3533,
142.7743, 167.4420

23.4161, 22.5632,
28.1452

177.0163,
178.1405, 207.8306

15.0234, 14.2713,
18.1952

216.8937,
218.9120, 254.2417

8.9223, 8.3096,
10.9193

262.3507,
265.4732, 307.0939

4.7472, 4.2937,
5.8991

313.7528,

2.1329, 1.8392,

318.2086, 366.8057

2.7160

371.4653,
377.5025, 433.7956

■ 0.7070, 0.5114,
0.9515

■ 0.0000, 0.0000,
0.0000

■ 65.9966, 65.2638,
78.2260

■ 65.9966, 65.2638,
78.2260

■ 60.6532, 55.1061,
74.8113

■ 72.1172, 76.9661,
81.9256

■ 56.0489, 46.4198,
71.6665

■ 79.0398, 90.2654,
85.9162

■ 52.1510, 39.1385,
68.7812

■ 80.7096, 93.0510,
88.1803

■ 48.9221, 33.1874,
66.1430

■ 81.0607, 93.1915,
90.0295

46.3213, 28.4846,
63.7379

81.4169, 93.3339,
91.9051

44.3031, 24.9394,
61.5509

81.7781, 93.4784,
93.8072

42.8159, 22.4485,
59.5646

82.1444, 93.6249,
95.7359

41.7990, 20.8907,
57.7586

82.5157, 93.7735,
97.6913

41.1667, 20.0943,
56.1043

82.8921, 93.9240,
99.6735

Harmonies

Analogous

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



64.2086, 65.2638, 83.2690



65.9966, 65.2638, 78.2260



66.7191, 65.2638, 71.5081

Triad

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



65.9966, 65.2638, 78.2260



62.1871, 65.2638, 58.7490



58.0789, 65.2638, 77.4053

Complementary

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



65.9966, 65.2638, 78.2260



63.4969, 70.9890, 70.0336

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.



57.5684, 65.2638, 70.6161



65.9966, 65.2638, 78.2260



59.9037, 65.2638, 60.1090

Square

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



65.9966, 65.2638, 78.2260



64.4850, 65.2638, 60.5088



58.2281, 65.2638, 64.3478



59.6406, 65.2638, 82.7742

Rectangle

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



65.9966, 65.2638, 78.2260



66.4857, 65.2638, 67.0764



58.2281, 65.2638, 64.3478



57.7804, 65.2638, 75.2007

Sweetspot

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



65.9985, 65.2666, 78.2274



93.3534, 96.7526, 107.8849



61.4849, 62.9086, 79.4241



19.9992, 20.7430, 23.1025



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.



65.9985, 65.2666, 78.2274



86.9948, 84.6145, 103.9804



64.8496, 64.8071, 72.1775



14.2260, 13.9080, 16.9601



23.9274, 11.6380, 32.6130



1.6775, 0.8143, 2.3605

Inverse Universe

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



65.9985, 65.2666, 78.2274



86.9948, 84.6145, 103.9804



64.6099, 71.4342, 75.8942



14.2260, 13.9080, 16.9601



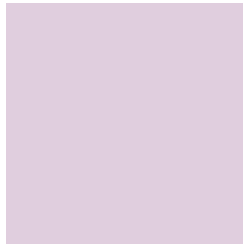
23.9274, 11.6380, 32.6130



1.6775, 0.8143, 2.3605

Previews

White Background



This preview shows how the XYZ color 65.9966, 65.2638, 78.2260 looks on a white background.

Color Contrast Check

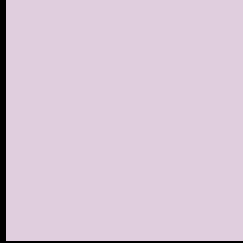
Large Text (above 18pt) WCAG AA × Fail

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 65.9966, 65.2638, 78.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

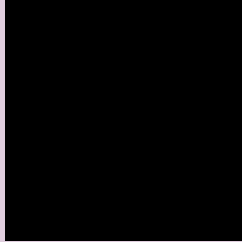
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9966, 65.2638, 78.2260

Background



This preview shows how black text looks on a background with the XYZ color 65.9966, 65.2638, 78.2260.

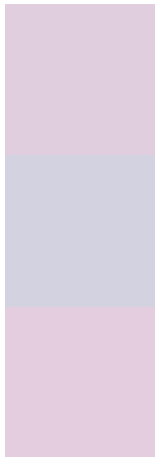


This preview shows how white text looks on a background with the XYZ color 65.9966, 65.2638,

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

65.9966, 65.2638, 78.2260

Protanopia

63.3651, 65.3239, 79.7901

Deuteranopia

66.6947, 65.2675, 78.1899



Tritanopia

65.9966, 65.2638, 78.2260

Trichromacy



Original Color

65.9966, 65.2638, 78.2260

Protanomaly

64.4386, 65.5276, 79.0638

Deuteranomaly

66.3802, 65.1053, 78.1752

Tritanomaly

65.9966, 65.2638, 78.2260

Monochromacy



Original Color

65.9966, 65.2638, 78.2260

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.0565, 65.8028, 74.2908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9966, 65.2638, 78.2260 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(224, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 206, 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(224, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 206, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.9966, 65.2638, 78.2260 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(224, 206, 222) }
```


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

```
.border{ border-color:rgb(224, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 206, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 206, 222);  
box-shadow:4px 4px 4px 4px rgb(224, 206,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9966, 65.2638, 78.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 206, 222) }
```

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

```
.background{ background-color: rgb(224,  
206, 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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