

Converting Colors

XYZ(67.1285, 66.0490, 78.3304)

Have a look what the booklet for
XYZ(67.1285, 66.0490, 78.3304)
contains.

XYZ(67.1762, 66.2305, 78.3504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.1762, 66.2305,
78.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CFDE
RGB	227, 207, 222
RGB Percent	89%, 81%, 87%
CMY	0.1098, 0.1882, 0.1294
CMYK	0.00, 0.09, 0.02, 0.11
HSL	315°, 26%, 85%
HSV	315°, 9%, 89%
XYZ	67.1762, 66.2305, 78.3504
YIQ	214.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

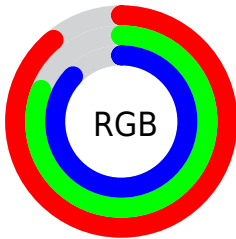
Format	Color
R _Y B	227, 207, 222
Decimal	14929886
CIE Lab	85.11, 9.54, -4.89
CIE LCh	85, 10.721, 332.880
Yxy	66.2305, 0.3172, 0.3128
Android (android.graphics.Color)	4293119966 (0xFFE3CFDE)
YUV	214.6900, 3.6038, 10.7959
Hunter-Lab	81.3821, 4.9226, -0.1138

Details

The XYZ color **67.1762, 66.2305, 78.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0874, 72.9588, 72.9429**, and the grayscale version is **64.3564, 67.7079, 73.7339**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3795, 34.3431, 41.3234** is the 20% darker color. If you saturate the color by 10%, you get **61.3197, 55.7138, 72.7083**, and if you desaturate by 10%, it is **73.8528, 78.3445, 84.3939**.

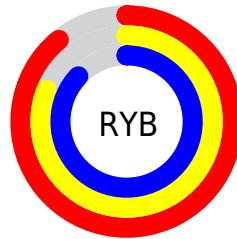
Distribution



Red (89%)

Green (81%)

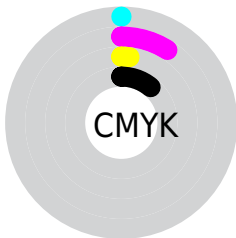
Blue (87%)



Red (89%)

Yellow (81%)

Blue (87%)

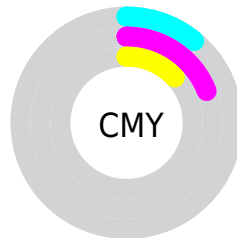


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1762, 66.2305, 78.3504 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 67.1762, 66.2305, 78.3504 by changing the saturation by 10% instead.

67.1762, 66.2305,
78.3504

67.1762, 66.2305,
78.3504

439.9943,
447.2008, 508.9154

49.4991, 48.4595,
57.8437

114.2213,
113.8171, 132.8343

35.2317, 34.1909,
41.2691

144.3199,
144.4015, 167.6486

24.0088, 23.0403,
28.2082

179.2897,
180.0259, 208.0692

15.4649, 14.6233,
18.2422

219.4961,
221.0746, 254.5146

9.2347, 8.5554,
10.9528

265.3044,
267.9321, 307.4034

4.9529, 4.4524,
5.9213

317.0800,

2.2541, 1.9297,

320.9826, 367.1541

2.7293

375.1881,
380.6108, 434.1853

■ 0.7710, 0.5661,
0.9581

■ 0.0000, 0.0000,
0.0000

■ 67.1762, 66.2305,
78.3504

■ 67.1762, 66.2305,
78.3504

■ 61.3197, 55.7138,
72.7083

■ 73.8528, 78.3445,
84.3939

■ 56.2438, 46.7184,
67.4507

■ 81.3755, 92.1104,
90.8462

■ 51.9140, 39.1753,
62.5658

■ 83.0234, 94.0849,
95.4690

■ 48.2913, 33.0065,
58.0391

■ 83.8756, 94.4258,
99.9565

■ 45.3328, 28.1267,
53.8553

■ 84.7543, 94.7773,
104.5840

■ 42.9909, 24.4412,
49.9971

■ 85.4890, 95.0711,
108.4526

■ 41.2114, 21.8421,
46.4451

■ 39.9305, 20.2019,
43.1767

■ 39.0510, 19.3269,
40.1581

Harmonies

Analogous

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



65.5060, 66.2305, 83.8743



67.1762, 66.2305, 78.3504



67.7048, 66.2305, 71.4473

Triad

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



67.1762, 66.2305, 78.3504



62.7170, 66.2305, 59.6252



59.1287, 66.2305, 79.5806

Complementary

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



67.1762, 66.2305, 78.3504



65.0874, 72.9588, 72.9429

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.



58.4234, 66.2305, 72.7844



67.1762, 66.2305, 78.3504



60.4616, 66.2305, 61.5074

Square

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



67.1762, 66.2305, 78.3504



65.0917, 66.2305, 60.9081



58.9051, 66.2305, 66.2172



60.8560, 66.2305, 84.6158

Rectangle

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



67.1762, 66.2305, 78.3504



67.3280, 66.2305, 67.0635



58.9051, 66.2305, 66.2172



58.7662, 66.2305, 77.4114

Sweetspot

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



67.1781, 66.2334, 78.3518



92.3514, 95.0932, 106.4887



63.3321, 64.1721, 81.7225



19.6162, 20.0802, 22.6568



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.



67.1781, 66.2334, 78.3518



85.6365, 82.9473, 100.2925



65.8773, 65.7131, 71.5020



14.8330, 14.5504, 17.3211



22.7688, 11.2417, 23.4750



1.7191, 0.8454, 1.9273

Inverse Universe

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



67.1781, 66.2334, 78.3518



85.6365, 82.9473, 100.2925



66.3882, 73.4791, 79.7928



14.8330, 14.5504, 17.3211



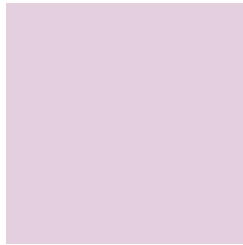
22.7688, 11.2417, 23.4750



1.7191, 0.8454, 1.9273

Previews

White Background



This preview shows how the XYZ color 67.1762, 66.2305, 78.3504 looks on a white background.

Color Contrast Check

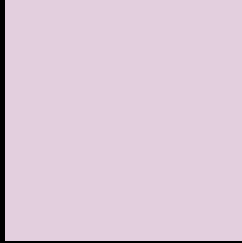
Large Text (above 18pt) WCAG AA × Fail

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 67.1762, 66.2305, 78.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

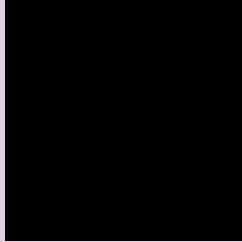
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1762, 66.2305, 78.3504

Background



This preview shows how black text looks on a background with the XYZ color 67.1762, 66.2305, 78.3504.



This preview shows how white text looks on a background with the XYZ color 67.1762, 66.2305,

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

67.1762, 66.2305, 78.3504

Protanopia

64.3254, 66.1709, 80.6161

Deuteranopia

67.5692, 66.0746, 78.2996



Tritanopia

67.3107, 66.2843, 79.0585

Trichromacy



Original Color

67.1762, 66.2305, 78.3504

Protanomaly

65.4146, 66.3804, 79.8860

Deuteranomaly

67.2510, 65.9105, 78.2847

Tritanomaly

67.3107, 66.2843, 79.0585

Monochromacy



Original Color

67.1762, 66.2305, 78.3504

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4118, 67.2090, 75.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1762, 66.2305, 78.3504 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(227, 207, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 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(227, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 222) }
```

Border

The CSS property to change the border of an element to XYZ 67.1762, 66.2305, 78.3504 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(227, 207, 222) }
```


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

```
.border{ border-color:rgb(227, 207, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 207, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1762, 66.2305, 78.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 222) }
```

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

```
.background{ background-color: rgb(227,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor