

Converting Colors

XYZ(69.2413, 67.1260, 77.0945)

Have a look what the booklet for
XYZ(69.2413, 67.1260, 77.0945)
contains.

XYZ(69.2505, 66.9721, 76.9872)	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(69.2505, 66.9721,
76.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCEDC
RGB	235, 206, 220
RGB Percent	92%, 81%, 86%
CMY	0.0784, 0.1921, 0.1372
CMYK	0.00, 0.12, 0.06, 0.08
HSL	331°, 42%, 86%
HSV	331°, 12%, 92%
XYZ	69.2505, 66.9721, 76.9872
YIQ	216.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

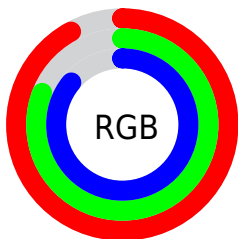
Format	Color
R _Y B	235, 206, 220
Decimal	15453916
CIE Lab	85.49, 12.46, -3.19
CIE LCh	85, 12.863, 345.624
Yxy	66.9721, 0.3248, 0.3141
Android (android.graphics.Color)	4293643996 (0xFFEBCEDC)
YUV	216.2670, 1.8404, 16.4288
Hunter-Lab	81.8365, 7.8339, 1.5088

Details

The XYZ color **69.2505, 66.9721, 76.9872** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2156, 77.7606, 79.8242**, and the grayscale version is **65.4356, 68.8433, 74.9704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6102, 34.7568, 40.3765** is the 20% darker color. If you saturate the color by 10%, you get **62.4590, 55.8721, 67.0668**, and if you desaturate by 10%, it is **77.0087, 79.8164, 87.8092**.

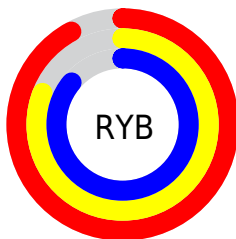
Distribution



Red (92%)

Green (81%)

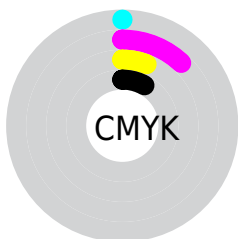
Blue (86%)



Red (92%)

Yellow (81%)

Blue (86%)

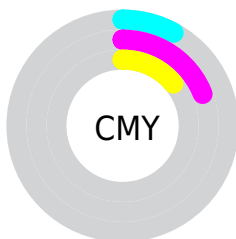


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2505, 66.9721, 76.9872 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 69.2505, 66.9721, 76.9872 by changing the saturation by 10% instead.

69.2505, 66.9721,
76.9872

69.2505, 66.9721,
76.9872

447.2215,
449.8455, 504.1569

51.1931, 49.0620,
56.7309

117.1714,
114.8804, 130.8943

36.5840, 34.6686,
40.3813

147.7656,
145.6474, 165.3821

25.0578, 23.4077,
27.5199

183.2696,
181.4688, 205.4508

16.2491, 14.8949,
17.7282

224.0485,
222.7290, 251.5190

9.7925, 8.7456,
10.5876

270.4678,
269.8123, 304.0051

5.3228, 4.5756,
5.6796

322.8928,

2.4746, 2.0005,

323.1032, 363.3278

2.5856

381.6890,
382.9862, 429.9055

■ 0.8825, 0.6078,
0.8850

■ 0.0000, 0.0000,
0.0000

■ 69.2505, 66.9721,
76.9872

■ 69.2505, 66.9721,
76.9872

■ 62.4590, 55.8721,
67.0668

■ 77.0087, 79.8164,
87.8092

■ 56.5887, 46.4318,
58.0181

■ 85.7654, 94.4674,
99.5527

■ 51.5986, 38.5727,
49.8158

■ 88.0713, 96.4023,
108.5734

■ 47.4425, 32.2064,
42.4313

■ 44.0695, 27.2358,
35.8342

■ 41.4231, 23.5520,
29.9914

■ 39.4382, 21.0299,
24.8667

■ 38.0370, 19.5188,
20.4187

■ 37.2664, 18.8644,
17.4279

Harmonies

Analogous

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



67.7533, 66.9721, 84.7557



69.2505, 66.9721, 76.9872



69.2170, 66.9721, 68.6755

Triad

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



69.2505, 66.9721, 76.9872



62.1547, 66.9721, 58.5050



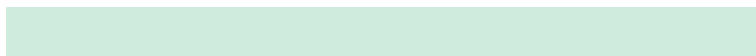
59.8083, 66.9721, 85.0297

Complementary

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



69.2505, 66.9721, 76.9872



68.2156, 77.7606, 79.8242

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.



58.3992, 66.9721, 77.3384



69.2505, 66.9721, 76.9872



59.7254, 66.9721, 62.2431

Square

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



69.2505, 66.9721, 76.9872



65.0593, 66.9721, 58.4268



58.3693, 66.9721, 69.0010



62.2710, 66.9721, 89.6340

Rectangle

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



69.2505, 66.9721, 76.9872



68.3291, 66.9721, 63.9501



58.3693, 66.9721, 69.0010



59.1990, 66.9721, 82.6944

Sweetspot

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



69.2524, 66.9750, 76.9886



91.0439, 93.3287, 103.4310



66.8829, 65.5136, 87.7183



19.3305, 19.7160, 21.9226



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.



69.2524, 66.9750, 76.9886



81.0146, 76.7674, 89.3063



67.5917, 66.4972, 67.6689



15.3684, 15.1752, 17.2251



20.8041, 10.5243, 10.0358



1.6820, 0.8458, 1.0430

Inverse Universe

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



69.2524, 66.9750, 76.9886



81.0146, 76.7674, 89.3063



70.0212, 78.2617, 90.0136



15.3684, 15.1752, 17.2251



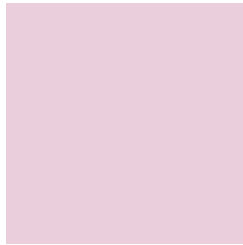
20.8041, 10.5243, 10.0358



1.6820, 0.8458, 1.0430

Previews

White Background



This preview shows how the XYZ color 69.2505, 66.9721, 76.9872 looks on a white background.

Color Contrast Check

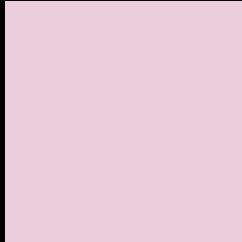
Large Text (above 18pt) WCAG AA × Fail

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 69.2505, 66.9721, 76.9872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

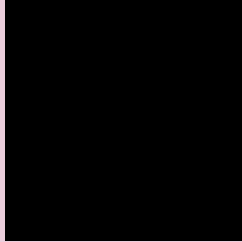
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2505, 66.9721, 76.9872

Background



This preview shows how black text looks on a background with the XYZ color 69.2505, 66.9721, 76.9872.



This preview shows how white text looks on a background with the XYZ color 69.2505, 66.9721,

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

69.2505, 66.9721, 76.9872

Protanopia

65.2731, 67.4174, 80.0936

Deuteranopia

68.5098, 66.9488, 77.0217



Tritanopia

69.5171, 67.0787, 78.3908

Trichromacy



Original Color

69.2505, 66.9721, 76.9872

Protanomaly

66.4901, 66.9505, 79.2304

Deuteranomaly

68.8354, 67.1166, 77.0369

Tritanomaly

69.3834, 67.0252, 77.6869

Monochromacy



Original Color

69.2505, 66.9721, 76.9872

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.4993, 67.7847, 75.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2505, 66.9721, 76.9872 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(235, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 220)  
}
```

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(235, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 220) }
```

Border

The CSS property to change the border of an element to XYZ 69.2505, 66.9721, 76.9872 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(235, 206, 220) }
```


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

```
.border{ border-color:rgb(235, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2505, 66.9721, 76.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 220) }
```

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

```
.background{ background-color: rgb(235,  
206, 220) }
```

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