

Converting Colors

XYZ(72.7824, 69.5122, 77.2913)

Have a look what the booklet for
XYZ(72.7824, 69.5122, 77.2913)
contains.

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Color

**XYZ(72.7824, 69.5122,
77.2913)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D0DC
RGB	244, 208, 220
RGB Percent	96%, 82%, 86%
CMY	0.0431, 0.1843, 0.1372
CMYK	0.00, 0.15, 0.10, 0.04
HSL	340°, 62%, 89%
HSV	340°, 15%, 96%
XYZ	72.7824, 69.5122, 77.2913
YIQ	220.1320, 17.6040, 11.3640

Conversions

Conversions Part 2

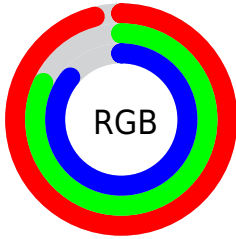
Format	Color
R_{YB}	244, 208, 220
Decimal	16044252
CIE _{Lab}	86.76, 14.52, -1.24
CIE _{LCh}	87, 14.573, 355.107
Yxy	69.5122, 0.3315, 0.3166
Android (android.graphics.Color)	4294234332 (0xFFF4D0DC)
YUV	220.1320, -0.0651, 20.9322
Hunter-Lab	83.3740, 9.9194, 3.3974

Details

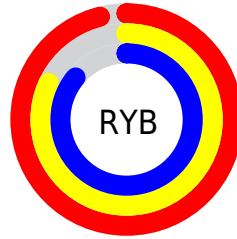
The XYZ color **72.7824, 69.5122, 77.2913** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9314, 83.9393, 88.7061**, and the grayscale version is **68.1132, 71.6604, 78.0381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0862, 36.5192, 40.5862** is the 20% darker color. If you saturate the color by 10%, you get **65.2344, 57.6975, 64.6573**, and if you desaturate by 10%, it is **81.4592, 83.2472, 91.3377**.

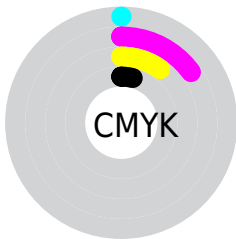
Distribution



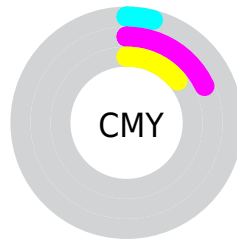
- Red (96%)
- Green (82%)
- Blue (86%)



- Red (96%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7824, 69.5122, 77.2913 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 72.7824, 69.5122, 77.2913 by changing the saturation by 10% instead.


 72.7824, 69.5122,
77.2913

 72.7824, 69.5122,
77.2913


459.3758,
458.8354, 505.2207

 54.0858, 51.1290,
56.9790


122.1730,
118.5129, 131.3274

 38.9012, 36.3112,
40.5791


153.5978,
149.8991, 165.8882

 26.8633, 24.6747,
27.6732


189.9960,
186.3884, 206.0356

 17.6066, 15.8348,
17.8425

231.7330,
228.3652, 252.1882

 10.7659, 9.4074,
10.6687

279.1741,
276.2139, 304.7645

 5.9758, 5.0078,
5.7332

332.6847,

 2.8709, 2.2519,

330.3189, 364.1829

2.6174

392.6301,
391.0646, 430.8621

■ 1.0858, 0.7480,
0.9014

■ 0.0132, 0.0000,
0.0000

■ 72.7824, 69.5122,
77.2913

■ 72.7824, 69.5122,
77.2913

■ 65.2344, 57.6975,
64.6573

■ 81.4592, 83.2472,
91.3377

■ 58.7616, 47.7081,
53.3861

■ 90.7248, 97.8158,
106.6424

■ 53.3148, 39.4548,
43.4313

■ 91.1186, 97.9733,
108.7160

■ 48.8386, 32.8369,
34.7422

■ 45.2721, 27.7438,
27.2643

■ 42.5469, 24.0506,
20.9389

■ 40.5844, 21.6124,
15.7012

■ 39.2892, 20.2519,
11.4781

■ 38.8056, 19.8321,
9.6292

Harmonies

Analogous

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



71.5640, 69.5122, 86.8819



72.7824, 69.5122, 77.2913



72.1523, 69.5122, 68.0354

Triad

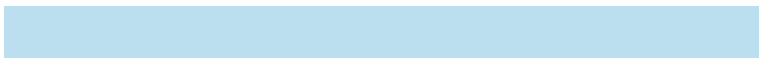
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7824, 69.5122, 77.2913



63.3406, 69.5122, 60.0028



62.4084, 69.5122, 92.0633

Complementary

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



72.7824, 69.5122, 77.2913



72.9314, 83.9393, 88.7061

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.



60.3381, 69.5122, 83.8917



72.7824, 69.5122, 77.2913



60.8632, 69.5122, 65.4975

Square

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



72.7824, 69.5122, 77.2913



66.6271, 69.5122, 58.5613



59.7822, 69.5122, 74.1050



65.5145, 69.5122, 95.8630

Rectangle

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



72.7824, 69.5122, 77.2913



70.7798, 69.5122, 63.2116



59.7822, 69.5122, 74.1050



61.5725, 69.5122, 89.7044

Sweetspot

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



72.7844, 69.5153, 77.2928



90.8061, 93.2335, 102.1789



72.1662, 68.8026, 95.0655



19.2704, 19.6920, 21.6062



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.



72.7844, 69.5153, 77.2928



77.5734, 72.3134, 80.6725



72.7423, 71.8833, 69.7192



16.7269, 16.5736, 18.3084



21.1566, 10.8061, 5.5332



1.9052, 0.9680, 0.7272

Inverse Universe

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



72.7844, 69.5153, 77.2928



77.5734, 72.3134, 80.6725



72.9185, 81.0926, 97.3981



16.7269, 16.5736, 18.3084



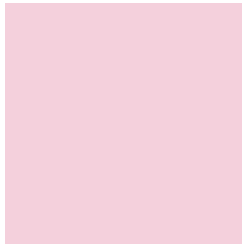
21.1566, 10.8061, 5.5332



1.9052, 0.9680, 0.7272

Previews

White Background



This preview shows how the XYZ color 72.7824, 69.5122, 77.2913 looks on a white background.

Color Contrast Check

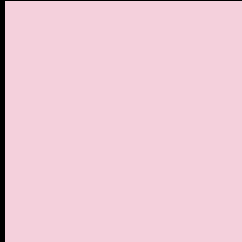
Large Text (above 18pt) WCAG AA × Fail

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 72.7824, 69.5122, 77.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

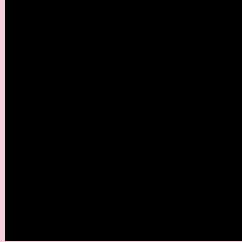
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7824, 69.5122, 77.2913

Background



This preview shows how black text looks on a background with the XYZ color 72.7824, 69.5122, 77.2913.



This preview shows how white text looks on a background with the XYZ color 72.7824, 69.5122,

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

72.7824, 69.5122, 77.2913

Protanopia

67.3599, 69.6080, 81.1196

Deuteranopia

71.1376, 69.7604, 77.4259



Tritanopia

73.0756, 69.2406, 80.0343

Trichromacy



Original Color

72.7824, 69.5122, 77.2913

Protanomaly

69.1084, 69.4102, 79.5671

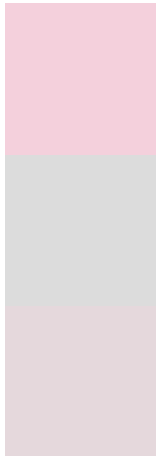
Deuteranomaly

71.9000, 69.7858, 77.3906

Tritanomaly

72.9403, 69.1865, 79.3220

Monochromacy



Original Color

72.7824, 69.5122, 77.2913

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.7872, 70.9371, 77.7242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7824, 69.5122, 77.2913 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(244, 208, 220)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 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(244, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.7824, 69.5122, 77.2913 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(244, 208, 220) }
```


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

```
.border{ border-color:rgb(244, 208, 220) }
```

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

Here you see how a box with a 4 pixel rgb(244, 208, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7824, 69.5122, 77.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 220) }
```

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

```
.background{ background-color: rgb(244,  
208, 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](#).

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