

Converting Colors

XYZ(75.1296, 69.3390, 82.7659)

Have a look what the booklet for
XYZ(75.1296, 69.3390, 82.7659)
contains.

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Color

**XYZ(75.0208, 69.1112,
82.7846)**

Conversions

Conversions Part 1

Format	Color
Hex	FACCE4
RGB	250, 204, 228
RGB Percent	98%, 80%, 89%
CMY	0.0196, 0.2000, 0.1059
CMYK	0.00, 0.18, 0.09, 0.02
HSL	329°, 82%, 89%
HSV	329°, 18%, 98%
XYZ	75.0208, 69.1112, 82.7846
YIQ	220.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

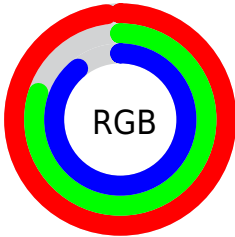
Format	Color
R _Y B	250, 204, 228
Decimal	16436452
CIE Lab	86.56, 20.02, -5.71
CIE LCh	87, 20.815, 344.065
Yxy	69.1112, 0.3306, 0.3046
Android (android.graphics.Color)	4294626532 (0xFFFA ^C CE4)
YUV	220.4900, 3.7024, 25.8803
Hunter-Lab	83.1331, 15.5985, -0.8482

Details

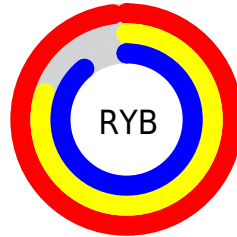
The XYZ color **75.0208, 69.1112, 82.7846** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.8177, 86.7014, 84.8527**, and the grayscale version is **68.3368, 71.8957, 78.2944**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4415, 36.1673, 44.3846** is the 20% darker color. If you saturate the color by 10%, you get **67.9463, 57.5269, 72.5180**, and if you desaturate by 10%, it is **83.1678, 82.6550, 93.9768**.

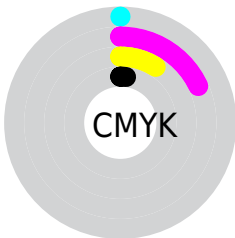
Distribution



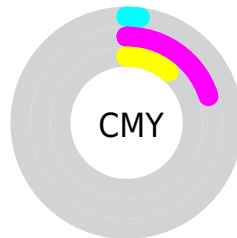
- Red (98%)
- Green (80%)
- Blue (89%)



- Red (98%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0208, 69.1112, 82.7846 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 75.0208, 69.1112, 82.7846 by changing the saturation by 10% instead.

75.0208, 69.1112,
82.7846

75.0208, 69.1112,
82.7846

466.9851,
457.4231, 524.2206

55.9242, 50.8023,
61.4729

125.3296,
117.9404, 139.1203

40.3789, 36.0513,
44.1739

157.2724,
149.2294, 174.9813

28.0196, 24.4738,
30.4690

194.2280,
185.6140, 216.5292

18.4810, 15.6855,
19.9398

236.5617,
227.4784, 264.1825

11.3976, 9.3019,
12.1677

284.6390,
275.2072, 318.3598

6.4042, 4.9386,
6.7340

338.8250,

3.1354, 2.2113,

329.1846, 379.4795

3.2204

399.4853,
389.7951, 447.9602

■ 1.2257, 0.7261,
1.2083

■ 0.1266, 0.0000,
0.0000

■ 75.0208, 69.1112,
82.7846

■ 75.0208, 69.1112,
82.7846

■ 67.9463, 57.5269,
72.5180

■ 83.1678, 82.6550,
93.9768

■ 61.8907, 47.8011,
63.1454

■ 92.4260, 98.2347,
106.1161

■ 56.8044, 39.8377,
54.6393

■ 93.2347, 99.0642,
108.8150

■ 52.6312, 33.5282,
46.9689

■ 49.3089, 28.7520,
40.1008

■ 46.7665, 25.3720,
33.9984

■ 44.9211, 23.2259,
28.6205

■ 43.6564, 22.0864,
23.9142

■ 43.4825, 21.9473,
23.2132

Harmonies

Analogous

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



72.3552, 69.1112, 96.0063



75.0208, 69.1112, 82.7846



75.1065, 69.1112, 68.9750

Triad

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



75.0208, 69.1112, 82.7846



63.4588, 69.1112, 52.3038



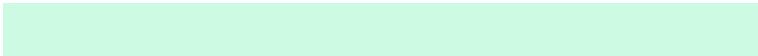
59.2437, 69.1112, 95.2869

Complementary

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



75.0208, 69.1112, 82.7846



72.8177, 86.7014, 84.8527

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.



57.0920, 69.1112, 81.8952



75.0208, 69.1112, 82.7846



59.4437, 69.1112, 57.7247

Square

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



75.0208, 69.1112, 82.7846



68.2687, 69.1112, 52.4801



57.1634, 69.1112, 68.1877



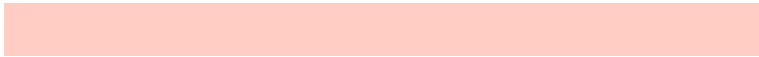
63.1734, 69.1112, 103.8056

Rectangle

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



75.0208, 69.1112, 82.7846



73.6787, 69.1112, 61.3248



57.1634, 69.1112, 68.1877



58.2972, 69.1112, 91.1389

Sweetspot

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



75.0228, 69.1143, 82.7861



89.2058, 90.1613, 101.2497



70.0480, 66.1740, 99.5243



18.9631, 19.0791, 21.4980



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.



75.0228, 69.1143, 82.7861



75.6672, 67.6716, 82.5943



72.1037, 67.9466, 67.4141



17.6228, 17.3765, 19.8696



23.1375, 11.6707, 12.6987



2.1965, 1.1024, 1.4584

Inverse Universe

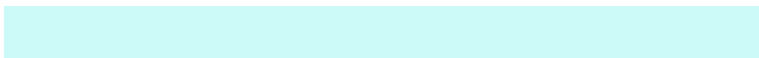
The Inverse Universe completely reimagines the original color for something new.



75.0228, 69.1143, 82.7861



75.6672, 67.6716, 82.5943



76.1054, 88.0165, 102.1657



17.6228, 17.3765, 19.8696



23.1375, 11.6707, 12.6987



2.1965, 1.1024, 1.4584

Previews

White Background



This preview shows how the XYZ color 75.0208, 69.1112, 82.7846 looks on a white background.

Color Contrast Check

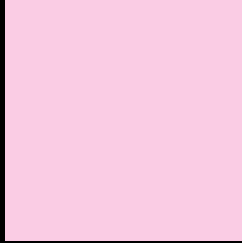
Large Text (above 18pt) WCAG AA × Fail

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 75.0208, 69.1112, 82.7846 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 75.0208, 69.1112, 82.7846

Background



This preview shows how black text looks on a background with the XYZ color 75.0208, 69.1112, 82.7846.



This preview shows how white text looks on a background with the XYZ color 75.0208, 69.1112,

82.7846.

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

75.0208, 69.1112, 82.7846

Protanopia

67.3202, 69.0461, 88.3763

Deuteranopia

70.5160, 68.9629, 82.2676



Tritanopia

73.9494, 69.0228, 77.8318

Trichromacy



Original Color

75.0208, 69.1112, 82.7846

Protanomaly

69.8547, 68.9087, 85.9629

Deuteranomaly

72.0176, 69.0085, 82.1973

Tritanomaly

74.3528, 69.1842, 79.9561

Monochromacy



Original Color

75.0208, 69.1112, 82.7846

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.3208, 70.4098, 79.6962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0208, 69.1112, 82.7846 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(250, 204, 228) looks like.

```
.text, #text, p{  
    color:rgb(250, 204, 228)  
}
```

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(250, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.0208, 69.1112, 82.7846 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(250, 204, 228) }
```


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

```
.border{ border-color:rgb(250, 204, 228) }
```

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

Here you see how a box with a 4 pixel rgb(250, 204, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0208, 69.1112, 82.7846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 228) }
```

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

```
.background{ background-color: rgb(250,  
204, 228) }
```

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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