

Converting Colors

XYZ(75.8632, 69.7348, 82.0396)

Have a look what the booklet for
XYZ(75.8632, 69.7348, 82.0396)
contains.

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Color

**XYZ(75.6029, 69.4272,
82.0891)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCCE3
RGB	252, 204, 227
RGB Percent	99%, 80%, 89%
CMY	0.0118, 0.2000, 0.1098
CMYK	0.00, 0.19, 0.10, 0.01
HSL	331°, 89%, 89%
HSV	331°, 19%, 99%
XYZ	75.6029, 69.4272, 82.0891
YIQ	220.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

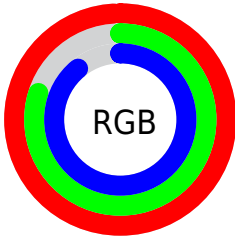
Format	Color
R_{YB}	252, 204, 227
Decimal	16567523
CIE Lab	86.72, 20.53, -4.93
CIE LCh	87, 21.119, 346.492
Yxy	69.4272, 0.3329, 0.3057
Android (android.graphics.Color)	4294757603 (0xFFFCCE3)
YUV	220.9740, 2.9708, 27.2098
Hunter-Lab	83.3230, 16.1463, -0.0859

Details

The XYZ color **75.6029, 69.4272, 82.0891** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8579, 88.1173, 87.2486**, and the grayscale version is **68.6800, 72.2568, 78.6876**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8584, 36.3934, 43.9009** is the 20% darker color. If you saturate the color by 10%, you get **68.3482, 57.7067, 71.0708**, and if you desaturate by 10%, it is **83.9688, 83.1472, 94.1609**.

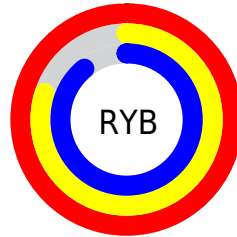
Distribution



Red (99%)

Green (80%)

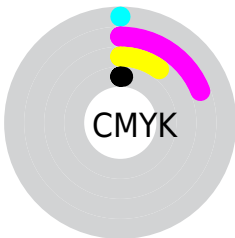
Blue (89%)



Red (99%)

Yellow (80%)

Blue (89%)

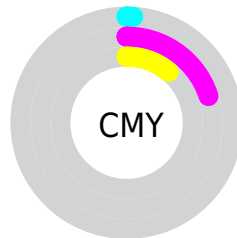


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6029, 69.4272, 82.0891 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 75.6029, 69.4272, 82.0891 by changing the saturation by 10% instead.


 75.6029, 69.4272,
82.0891

 75.6029, 69.4272,
82.0891


468.9526,
458.5362, 521.8369

 56.4029, 51.0597,
60.9027


126.1488,
118.3915, 138.1367

 40.7643, 36.2561,
43.7166

158.2253,
149.7572, 173.8351

 28.3218, 24.6321,
30.1122


195.3248,
186.2243, 215.2079

 18.7101, 15.8031,
19.6710

237.8124,
228.1773, 262.6736

 11.5637, 9.3850,
11.9744

286.0537,
276.0006, 316.6509

 6.5174, 4.9931,
6.6039

340.4139,

 3.2058, 2.2432,

330.0786, 377.5581

3.1410

401.2584,
390.7957, 445.8140

■ 1.2635, 0.7434,
1.1671

■ 0.1557, 0.0000,
0.0000

■ 75.6029, 69.4272,
82.0891

■ 75.6029, 69.4272,
82.0891

■ 68.3482, 57.7067,
71.0708

■ 83.9688, 83.1472,
94.1609

■ 62.1490, 47.8821,
61.0701

■ 93.4863, 98.9454,
107.3118

■ 56.9539, 39.8546,
52.0547

■ 93.9553, 99.4357,
108.8488

■ 52.7045, 33.5125,
43.9892

■ 49.3358, 28.7315,
36.8349

■ 46.7742, 25.3700,
30.5498

■ 44.9327, 23.2602,
25.0864

■ 43.6837, 22.1528,
20.3830

■ 43.5805, 22.0697,
19.9681

Harmonies

Analogous

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



73.0771, 69.4272, 95.7839



75.6029, 69.4272, 82.0891



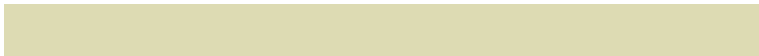
75.4636, 69.4272, 68.1739

Triad

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



75.6029, 69.4272, 82.0891



63.3439, 69.4272, 52.5147



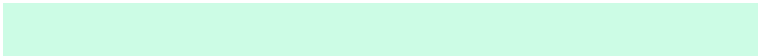
59.6984, 69.4272, 96.9547

Complementary

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



75.6029, 69.4272, 82.0891



73.8579, 88.1173, 87.2486

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.



57.3416, 69.4272, 83.5347



75.6029, 69.4272, 82.0891



59.3737, 69.4272, 58.4622

Square

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



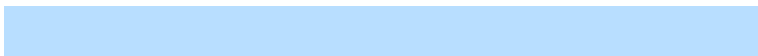
75.6029, 69.4272, 82.0891



68.2189, 69.4272, 52.2293



57.2258, 69.4272, 69.4517



63.8072, 69.4272, 105.0579

Rectangle

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



75.6029, 69.4272, 82.0891



73.8751, 69.4272, 60.6244



57.2258, 69.4272, 69.4517



58.6841, 69.4272, 92.8458

Sweetspot

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



75.6049, 69.4303, 82.0906



89.1051, 90.1210, 100.7191



71.4155, 66.8425, 101.2344



18.9392, 19.0696, 21.3727



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.



75.6049, 69.4303, 82.0906



74.5747, 66.3042, 79.7091



72.8300, 68.6253, 66.5378



17.5910, 17.3637, 19.7018



22.7749, 11.5257, 10.7888



2.1626, 1.0888, 1.2796

Inverse Universe

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



75.6049, 69.4303, 82.0906



74.5747, 66.3042, 79.7091



77.0344, 88.9868, 105.2125



17.5910, 17.3637, 19.7018



22.7749, 11.5257, 10.7888



2.1626, 1.0888, 1.2796

Previews

White Background



This preview shows how the XYZ color 75.6029, 69.4272, 82.0891 looks on a white background.

Color Contrast Check

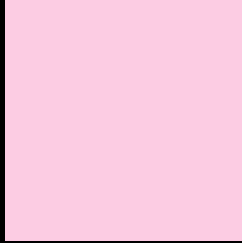
Large Text (above 18pt) WCAG AA × Fail

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 75.6029, 69.4272, 82.0891 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 75.6029, 69.4272, 82.0891

Background



This preview shows how black text looks on a background with the XYZ color 75.6029, 69.4272, 82.0891.



This preview shows how white text looks on a background with the XYZ color 75.6029, 69.4272,

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

75.6029, 69.4272, 82.0891

Protanopia

67.7261, 69.6512, 87.7164

Deuteranopia

71.2827, 69.7417, 81.6560



Tritanopia

74.6661, 69.3923, 77.8653

Trichromacy



Original Color

75.6029, 69.4272, 82.0891

Protanomaly

70.2804, 69.5145, 85.3148

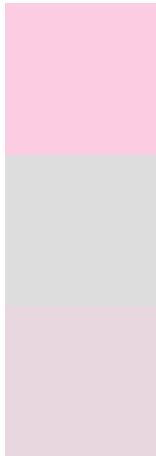
Deuteranomaly

72.5590, 69.3035, 81.5042

Tritanomaly

74.9343, 69.4996, 79.2773

Monochromacy



Original Color

75.6029, 69.4272, 82.0891

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.8984, 71.0844, 79.7959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6029, 69.4272, 82.0891 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(252, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(252, 204, 227)  
}
```

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(252, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 204, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.6029, 69.4272, 82.0891 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(252, 204, 227) }
```


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

```
.border{ border-color:rgb(252, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 204, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 204, 227); box-shadow:4px 4px 4px 4px rgb(252, 204, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6029, 69.4272, 82.0891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 204, 227) }
```

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

```
.background{ background-color: rgb(252,  
204, 227) }
```

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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