

Converting Colors

XYZ(76.4242, 72.2082, 73.5279)

Have a look what the booklet for XYZ(76.4242, 72.2082, 73.5279) contains.

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Color

**XYZ(76.4242, 72.2082,
73.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D6
RGB	255, 210, 214
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1764, 0.1608
CMYK	0.00, 0.18, 0.16, 0.00
HSL	355°, 100%, 91%
HSV	355°, 18%, 100%
XYZ	76.4242, 72.2082, 73.5279
YIQ	223.9110, 25.5360, 10.7840

Conversions

Conversions Part 2

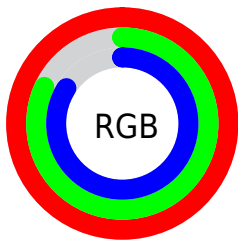
Format	Color
R _Y B	255, 210, 214
Decimal	16765654
CIE Lab	88.07, 16.37, 3.96
CIE LCh	88, 16.845, 13.605
Yxy	72.2082, 0.3440, 0.3250
Android (android.graphics.Color)	4294955734 (0xFFFFD2D6)
YUV	223.9110, -4.8861, 27.2651
Hunter-Lab	84.9754, 11.8303, 8.1801

Details

The XYZ color **76.4242, 72.2082, 73.5279** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7534, 92.1878, 104.8612**, and the grayscale version is **70.8105, 74.4981, 81.1285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2681, 37.9517, 37.9512** is the 20% darker color. If you saturate the color by 10%, you get **67.8640, 59.5029, 57.0636**, and if you desaturate by 10%, it is **86.4142, 87.0951, 92.5590**.

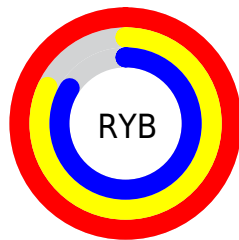
Distribution



Red (100%)

Green (82%)

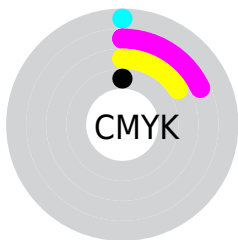
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

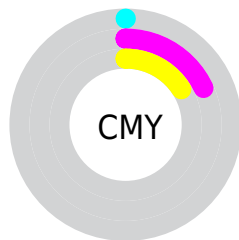


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4242, 72.2082, 73.5279 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 76.4242, 72.2082, 73.5279 by changing the saturation by 10% instead.


 76.4242, 72.2082,
73.5279

 76.4242, 72.2082,
73.5279


471.7207,
468.2659, 491.9621

 57.0787, 53.3288,
53.9133


127.3035,
122.3525, 125.9542

 41.3088, 38.0653,
38.1396


159.5680,
154.3861, 159.6030

 28.7492, 26.0334,
25.7884

196.8696,
191.5733, 198.7669

 19.0345, 16.8486,
16.4411

239.5736,
234.2984, 243.8644

 11.7994, 10.1266,
9.6791

288.0453,
282.9458, 295.3142

 6.6784, 5.4830,
5.0839

342.6502,

 3.3064, 2.5333,

337.9000, 353.5347

2.2370

403.7535,
399.5452, 418.9445

■ 1.3178, 0.8933,
0.6956

■ 0.1965, 0.0000,
0.0000

■ 76.4242, 72.2082,
73.5279

■ 76.4242, 72.2082,
73.5279

■ 67.8640, 59.5029,
57.0636

■ 86.4142, 87.0951,
92.5590

■ 60.6634, 48.8680,
43.0519

95.0500, 100.0000,
108.9000

■ 54.7536, 40.1966,
31.3766

■ 50.0580, 33.3683,
21.9105

■ 46.4919, 28.2497,
14.5139

■ 43.9594, 24.6892,
9.0314

■ 42.3486, 22.5087,
5.2854

■ 41.5162, 21.4748,
3.0628

■ 41.3911, 21.3204,
2.7257

Harmonies

Analogous

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



76.3196, 72.2082, 85.0396



76.4242, 72.2082, 73.5279



74.3840, 72.2082, 64.3180

Triad

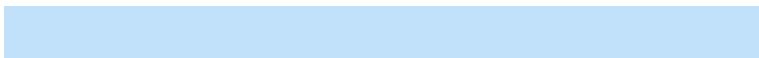
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4242, 72.2082, 73.5279



63.4361, 72.2082, 63.6535



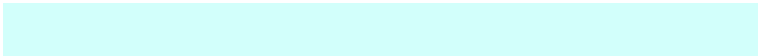
66.4724, 72.2082, 101.8360

Complementary

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



76.4242, 72.2082, 73.5279



79.7534, 92.1878, 104.8612

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.



63.1839, 72.2082, 94.9045



76.4242, 72.2082, 73.5279



61.4783, 72.2082, 72.5365

Square

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



76.4242, 72.2082, 73.5279



66.8290, 72.2082, 59.0045



61.3878, 72.2082, 83.9471



70.4666, 72.2082, 102.1680

Rectangle

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



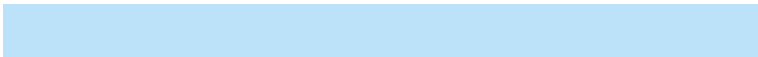
76.4242, 72.2082, 73.5279



72.1266, 72.2082, 60.4088



61.3878, 72.2082, 83.9471



65.2516, 72.2082, 100.1721

Sweetspot

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



76.4259, 72.2113, 73.5294



89.3020, 91.4074, 98.0336



80.7021, 73.7328, 104.5861



18.9479, 19.3164, 20.6680



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

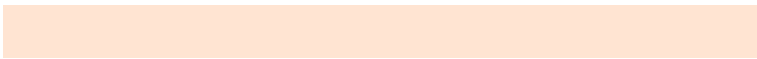
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4259, 72.2113, 73.5294



73.3972, 67.7096, 67.7241



80.6180, 81.4022, 72.4399



18.0749, 18.0133, 19.0113



21.6498, 11.1492, 1.5405



2.1291, 1.0940, 0.2615

Inverse Universe

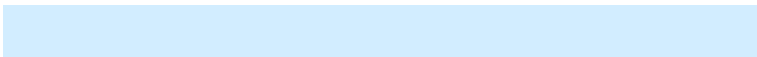
The Inverse Universe completely reimagines the original color for something new.



76.4259, 72.2113, 73.5294



73.3972, 67.7096, 67.7241



74.9150, 81.4923, 106.3889



18.0749, 18.0133, 19.0113



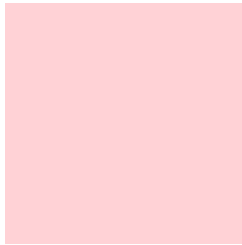
21.6498, 11.1492, 1.5405



2.1291, 1.0940, 0.2615

Previews

White Background



This preview shows how the XYZ color 76.4242, 72.2082, 73.5279 looks on a white background.

Color Contrast Check

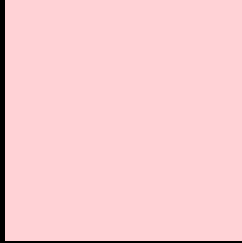
Large Text (above 18pt) WCAG AA × Fail

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 76.4242, 72.2082, 73.5279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

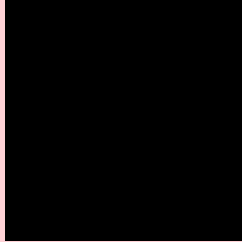
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4242, 72.2082, 73.5279

Background



This preview shows how black text looks on a background with the XYZ color 76.4242, 72.2082, 73.5279.



This preview shows how white text looks on a background with the XYZ color 76.4242, 72.2082,

73.5279.

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

76.4242, 72.2082, 73.5279

Protanopia

69.5628, 72.3613, 78.0109

Deuteranopia

73.7130, 72.3097, 73.0229



Tritanopia

77.4950, 72.2427, 80.3808

Trichromacy



Original Color

76.4242, 72.2082, 73.5279

Protanomaly

71.8028, 72.0066, 76.4439

Deuteranomaly

74.8714, 72.5323, 73.0048

Tritanomaly

76.9587, 72.0282, 77.5568

Monochromacy



Original Color

76.4242, 72.2082, 73.5279

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.5107, 73.4925, 78.0739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4242, 72.2082, 73.5279 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(255, 210, 214) looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 214)  
}
```

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(255, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 214) }
```

Border

The CSS property to change the border of an element to XYZ 76.4242, 72.2082, 73.5279 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(255, 210, 214) }
```


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

```
.border{ border-color:rgb(255, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4242, 72.2082, 73.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 214) }
```

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

```
.background{ background-color: rgb(255,  
210, 214) }
```

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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