

Converting Colors

XYZ(72.5181, 70.1681, 64.4918)

Have a look what the booklet for
XYZ(72.5181, 70.1681, 64.4918)
contains.

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Color

**XYZ(72.2927, 69.9108,
64.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D1C8
RGB	249, 209, 200
RGB Percent	98%, 82%, 78%
CMY	0.0235, 0.1804, 0.2157
CMYK	0.00, 0.16, 0.20, 0.02
HSL	11°, 80%, 88%
HSV	11°, 20%, 98%
XYZ	72.2927, 69.9108, 64.3275
YIQ	219.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

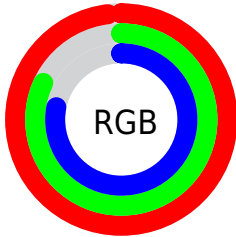
Format	Color
R _Y B	249, 211, 200
Decimal	16372168
CIE Lab	86.95, 12.65, 9.69
CIE LCh	87, 15.930, 37.448
Yxy	69.9108, 0.3500, 0.3385
Android (android.graphics.Color)	4294562248 (0xFFF9D1C8)
YUV	219.9340, -9.8275, 25.4909
Hunter-Lab	83.6127, 8.0114, 12.9141

Details

The XYZ color **72.2927, 69.9108, 64.3275** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0777, 81.4370, 101.5430**, and the grayscale version is **68.0364, 71.5796, 77.9502**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6479, 36.7245, 32.2457** is the 20% darker color. If you saturate the color by 10%, you get **64.9442, 59.4975, 48.6710**, and if you desaturate by 10%, it is **80.7551, 81.7923, 82.6951**.

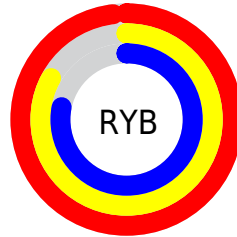
Distribution



Red (98%)

Green (82%)

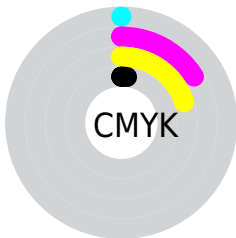
Blue (78%)



Red (98%)

Yellow (83%)

Blue (78%)

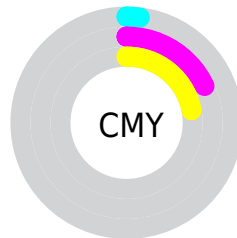


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2927, 69.9108, 64.3275 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 72.2927, 69.9108, 64.3275 by changing the saturation by 10% instead.


 72.2927, 69.9108,
64.3275

 72.2927, 69.9108,
64.3275


457.7016,
460.2367, 458.6112

 53.6841, 51.4538,
46.4681

121.4811,
119.0815, 112.6865

 38.5789, 36.5699,
32.2640


152.7917,
150.5641, 144.0231

 26.6115, 24.8747,
21.2968


189.0670,
187.1573, 180.6892

 17.4167, 15.9837,
13.1478

230.6724,
229.2455, 223.1034

 10.6292, 9.5126,
7.3984

277.9731,
277.2132, 271.6841

 5.8835, 5.0770,
3.6303

331.3347,

 2.8144, 2.2925,

331.4447, 326.8500

1.4248

391.1224,
392.3244, 389.0195

■ 1.0564, 0.7698,
0.1610

■ 0.0000, 0.0000,
0.0000

■ 72.2927, 69.9108,
64.3275

■ 72.2927, 69.9108,
64.3275

■ 64.9442, 59.4975,
48.6710

■ 80.7551, 81.7923,
82.6951

■ 58.6572, 50.4859,
35.5925

■ 90.3697, 95.1862,
103.8893

■ 53.3833, 42.8186,
24.9543

■ 92.8771, 98.8798,
108.7983

■ 49.0682, 36.4304,
16.6043

■ 45.6523, 31.2506,
10.3728

■ 43.0690, 27.2016,
6.0665

■ 41.2418, 24.1962,
3.4565

■ 40.0647, 22.1280,
2.1825

■ 40.0347, 22.0750,
2.1508

Harmonies

Analogous

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



73.7992, 69.9108, 73.4953



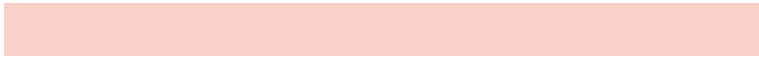
72.2927, 69.9108, 64.3275



69.2306, 69.9108, 58.7195

Triad

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



72.2927, 69.9108, 64.3275



60.0561, 69.9108, 68.5284



67.3800, 69.9108, 98.3040

Complementary

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



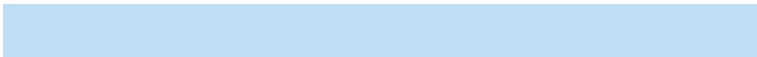
72.2927, 69.9108, 64.3275



72.0777, 81.4370, 101.5430

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.



63.7412, 69.9108, 96.6597



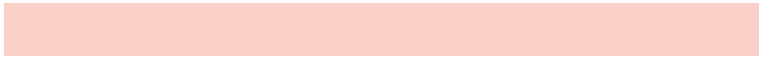
72.2927, 69.9108, 64.3275



59.6022, 69.9108, 78.8084

Square

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



72.2927, 69.9108, 64.3275



62.1914, 69.9108, 60.9823



60.9274, 69.9108, 89.2744



70.8948, 69.9108, 93.5781

Rectangle

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



72.2927, 69.9108, 64.3275



66.7673, 69.9108, 57.4280



60.9274, 69.9108, 89.2744



66.1300, 69.9108, 98.4850

Sweetspot

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



72.2946, 69.9140, 64.3290



88.8283, 91.3427, 95.1538



75.4525, 67.7414, 91.5503



18.8737, 19.3570, 20.0608



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.



72.2946, 69.9140, 64.3290



72.7976, 68.8310, 60.3701



78.7688, 82.8624, 66.4870



17.5026, 17.7410, 17.9643



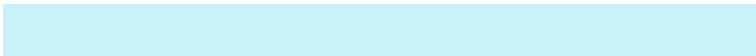
21.5035, 11.9637, 1.1759



2.0593, 1.2435, 0.1315

Inverse Universe

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



72.0777, 81.4370, 101.5430



72.5233, 83.2159, 106.8476



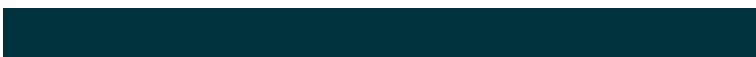
65.3513, 67.9842, 99.3009



17.4787, 19.0342, 22.1380



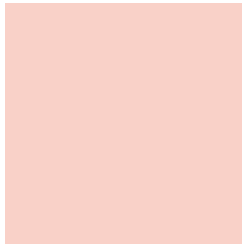
20.7121, 26.7798, 52.0509



1.9863, 2.6163, 4.8435

Previews

White Background



This preview shows how the XYZ color 72.2927, 69.9108, 64.3275 looks on a white background.

Color Contrast Check

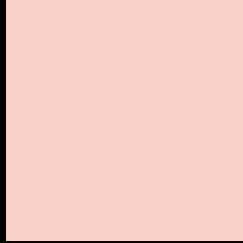
Large Text (above 18pt) WCAG AA × Fail

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 72.2927, 69.9108, 64.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

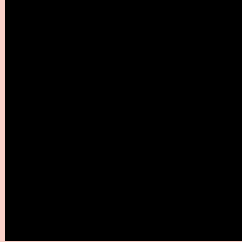
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2927, 69.9108, 64.3275

Background



This preview shows how black text looks on a background with the XYZ color 72.2927, 69.9108, 64.3275.



This preview shows how white text looks on a background with the XYZ color 72.2927, 69.9108,

64.3275.

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

72.2927, 69.9108, 64.3275

Protanopia

66.7633, 69.9929, 67.1179

Deuteranopia

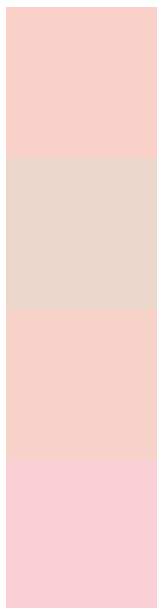
71.4780, 69.8561, 64.3599



Tritanopia

75.4010, 70.1120, 78.6661

Trichromacy



Original Color

72.2927, 69.9108, 64.3275

Protanomaly

68.7577, 69.8974, 66.3675

Deuteranomaly

71.8297, 70.0375, 64.3763

Tritanomaly

74.2341, 69.9899, 73.2152

Monochromacy



Original Color

72.2927, 69.9108, 64.3275

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.5211, 70.9048, 72.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2927, 69.9108, 64.3275 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(249, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(249, 209, 200)  
}
```

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(249, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 209, 200) }
```

Border

The CSS property to change the border of an element to XYZ 72.2927, 69.9108, 64.3275 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(249, 209, 200) }
```


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

```
.border{ border-color:rgb(249, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 209, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 209, 200);  
box-shadow:4px 4px 4px 4px rgb(249, 209,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2927, 69.9108, 64.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 209, 200) }
```

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

```
.background{ background-color: rgb(249,  
209, 200) }
```

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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