

Converting Colors

XYZ(72.8783, 69.9905, 64.4490)

Have a look what the booklet for
XYZ(72.8783, 69.9905, 64.4490)
contains.

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Color

**XYZ(72.7649, 69.7911,
64.2795)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0C8
RGB	251, 208, 200
RGB Percent	98%, 82%, 78%
CMY	0.0157, 0.1843, 0.2157
CMYK	0.00, 0.17, 0.20, 0.02
HSL	9°, 86%, 88%
HSV	9°, 20%, 98%
XYZ	72.7649, 69.7911, 64.2795
YIQ	219.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

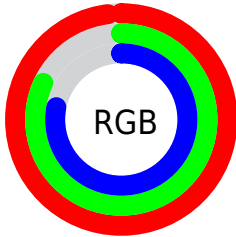
Format	Color
R _Y B	251, 209, 200
Decimal	16502984
CIE Lab	86.89, 13.89, 9.63
CIE LCh	87, 16.901, 34.720
Yxy	69.7911, 0.3518, 0.3374
Android (android.graphics.Color)	4294693064 (0xFFFB0C8)
YUV	219.9450, -9.8329, 27.2352
Hunter-Lab	83.5411, 9.2780, 12.8589

Details

The XYZ color **72.7649, 69.7911, 64.2795** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2820, 83.3436, 103.4920**, and the grayscale version is **68.0434, 71.5869, 77.9582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9920, 36.6559, 32.2143** is the 20% darker color. If you saturate the color by 10%, you get **65.2497, 59.0758, 48.4705**, and if you desaturate by 10%, it is **81.4538, 82.0820, 82.8572**.

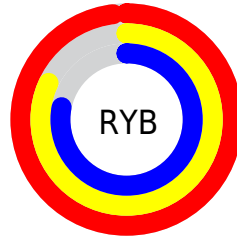
Distribution



Red (98%)

Green (82%)

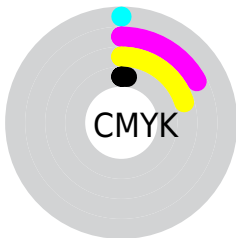
Blue (78%)



Red (98%)

Yellow (82%)

Blue (78%)

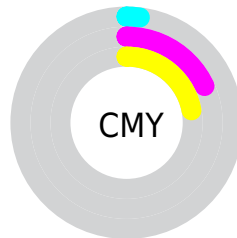


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7649, 69.7911, 64.2795 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 72.7649, 69.7911, 64.2795 by changing the saturation by 10% instead.


 72.7649, 69.7911,
64.2795

 72.7649, 69.7911,
64.2795


459.3160,
459.8162, 458.4334

 54.0714, 51.3562,
46.4295


122.1483,
118.9108, 112.6167

 38.8897, 36.4922,
32.2337


153.5690,
150.3644, 143.9409

 26.8543, 24.8146,
21.2738


189.9628,
186.9265, 180.5937

 17.5998, 15.9390,
13.1311

231.6951,
228.9813, 222.9934

 10.7610, 9.4810,
7.3871

279.1312,
276.9132, 271.5587

 5.9725, 5.0562,
3.6232

332.6365,

 2.8688, 2.2803,

331.1068, 326.7081

1.4210

392.5763,
391.9463, 388.8602

■ 1.0848, 0.7632,
0.1580

■ 0.0123, 0.0000,
0.0000

■ 72.7649, 69.7911,
64.2795

■ 72.7649, 69.7911,
64.2795

■ 65.2497, 59.0758,
48.4705

■ 81.4538, 82.0820,
82.8572

■ 58.8520, 49.8630,
35.2931

■ 91.3583, 95.9989,
104.3229

■ 53.5194, 42.0882,
24.6052

■ 93.5939, 99.2494,
108.8319

■ 49.1931, 35.6781,
16.2495

■ 45.8083, 30.5533,
10.0505

■ 43.2924, 26.6257,
5.8078

■ 41.5617, 23.7960,
3.2832

■ 40.5225, 21.9865,
2.1080

Harmonies

Analogous

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



74.1829, 69.7911, 74.2175



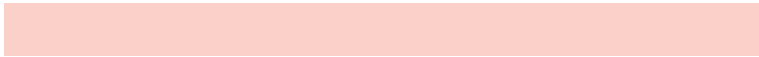
72.7649, 69.7911, 64.2795



69.6258, 69.7911, 57.9951

Triad

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



72.7649, 69.7911, 64.2795



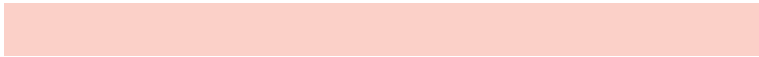
59.7106, 69.7911, 67.0880



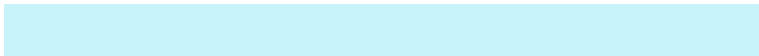
66.9603, 69.7911, 99.7559

Complementary

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



72.7649, 69.7911, 64.2795



73.2820, 83.3436, 103.4920

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.



63.1483, 69.7911, 97.3698



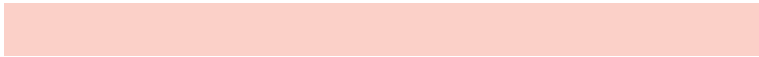
72.7649, 69.7911, 64.2795



59.0599, 69.7911, 77.7918

Square

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



72.7649, 69.7911, 64.2795



62.1081, 69.7911, 59.5004



60.2943, 69.7911, 89.0443



70.7481, 69.7911, 95.2767

Rectangle

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



72.7649, 69.7911, 64.2795



67.0347, 69.7911, 56.3508



60.2943, 69.7911, 89.0443



65.6389, 69.7911, 99.7337

Sweetspot

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



72.7668, 69.7943, 64.2810



88.7059, 91.0981, 95.1130



76.6693, 68.3109, 94.2165



18.8449, 19.2994, 20.0512



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.



72.7668, 69.7943, 64.2810



72.4070, 68.0497, 60.2399



79.3911, 83.0430, 66.4891



17.4645, 17.6649, 17.9516



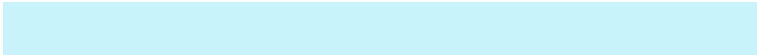
21.3666, 11.6898, 1.1302



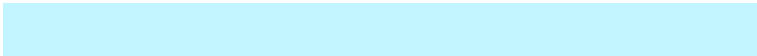
2.0411, 1.2070, 0.1254

Inverse Universe

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



73.2820, 83.3436, 103.4920



73.0187, 84.2066, 107.0128



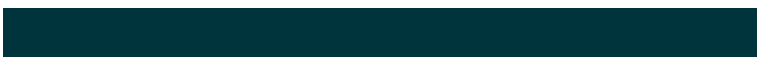
66.2654, 69.3104, 101.1531



17.5202, 19.1172, 22.1519



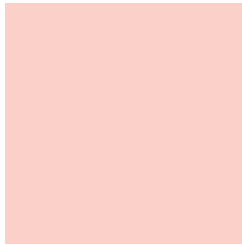
21.5652, 28.4859, 52.3353



2.0577, 2.7590, 4.8673

Previews

White Background



This preview shows how the XYZ color 72.7649, 69.7911, 64.2795 looks on a white background.

Color Contrast Check

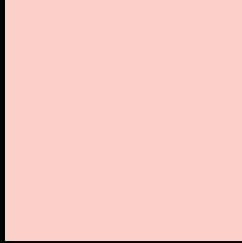
Large Text (above 18pt) WCAG AA × Fail

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 72.7649, 69.7911, 64.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

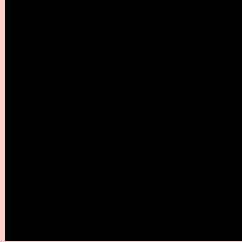
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7649, 69.7911, 64.2795

Background



This preview shows how black text looks on a background with the XYZ color 72.7649, 69.7911, 64.2795.



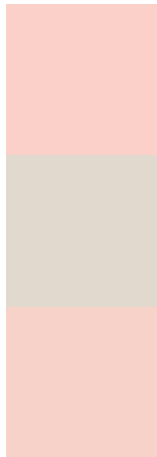
This preview shows how white text looks on a background with the XYZ color 72.7649, 69.7911,

64.2795.

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

72.7649, 69.7911, 64.2795

Protanopia

66.8836, 70.0410, 67.7517

Deuteranopia

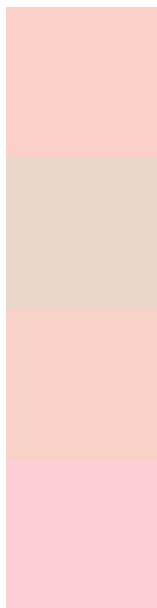
71.4780, 69.8561, 64.3599



Tritanopia

75.7555, 69.9539, 77.9163

Trichromacy



Original Color

72.7649, 69.7911, 64.2795

Protanomaly

68.7577, 69.8974, 66.3675

Deuteranomaly

71.9372, 69.7275, 64.3108

Tritanomaly

74.5896, 69.8294, 72.4979

Monochromacy



Original Color

72.7649, 69.7911, 64.2795

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 72.7649, 69.7911, 64.2795 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(251, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 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(251, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 200) }
```

Border

The CSS property to change the border of an element to XYZ 72.7649, 69.7911, 64.2795 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(251, 208, 200) }
```


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

```
.border{ border-color:rgb(251, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7649, 69.7911, 64.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 200) }
```

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

```
.background{ background-color: rgb(251,  
208, 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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