

Converting Colors

XYZ(73.3932, 71.5811, 64.5919)

Have a look what the booklet for
XYZ(73.3932, 71.5811, 64.5919)
contains.

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Color

**XYZ(73.3932, 71.5811,
64.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD4C8
RGB	250, 212, 200
RGB Percent	98%, 83%, 78%
CMY	0.0196, 0.1686, 0.2157
CMYK	0.00, 0.15, 0.20, 0.02
HSL	14°, 83%, 88%
HSV	14°, 20%, 98%
XYZ	73.3932, 71.5811, 64.5919
YIQ	221.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

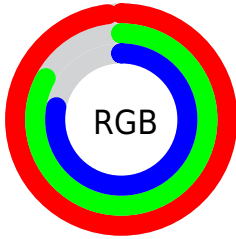
Format	Color
R _Y B	250, 216, 200
Decimal	16438472
CIE Lab	87.77, 11.44, 10.86
CIE LCh	88, 15.777, 43.495
Yxy	71.5811, 0.3502, 0.3416
Android (android.graphics.Color)	4294628552 (0xFFFA4C8)
YUV	221.9940, -10.8430, 24.5613
Hunter-Lab	84.6056, 6.7843, 13.9592

Details

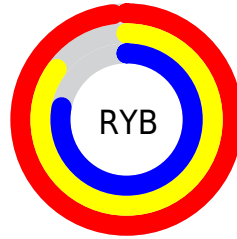
The XYZ color **73.3932, 71.5811, 64.5919** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6488, 80.3287, 102.1718**, and the grayscale version is **69.4896, 73.1085, 79.6151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2376, 37.5267, 32.3695** is the 20% darker color. If you saturate the color by 10%, you get **66.2344, 61.5630, 48.9501**, and if you desaturate by 10%, it is **81.5924, 82.9144, 82.9391**.

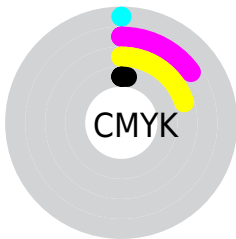
Distribution



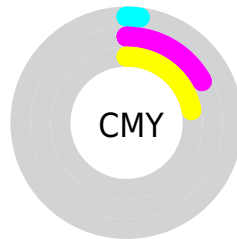
- Red (98%)
- Green (83%)
- Blue (78%)



- Red (98%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3932, 71.5811, 64.5919 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 73.3932, 71.5811, 64.5919 by changing the saturation by 10% instead.


 73.3932, 71.5811,
64.5919

 73.3932, 71.5811,
64.5919


461.4592,
466.0822, 459.5900

 54.5871, 52.8166,
46.6810

123.0354,
121.4608, 113.0706

 39.3037, 37.6563,
32.4310

154.6021,
153.3447, 144.4754

 27.1779, 25.7161,
21.4234


191.1531,
190.3705, 181.2154

 17.8441, 16.6114,
13.2396

233.0537,
232.9227, 223.7089

 10.9372, 9.9578,
7.4611

280.6692,
281.3855, 272.3746

 6.0916, 5.3710,
3.6693

334.3651,

 2.9420, 2.4665,

336.1435, 327.6310

1.4457

394.5066,
397.5809, 389.8966

■ 1.1232, 0.8598,
0.1770

■ 0.0444, 0.0000,
0.0000

■ 73.3932, 71.5811,
64.5919

■ 73.3932, 71.5811,
64.5919

■ 66.2344, 61.5630,
48.9501

■ 81.5924, 82.9144,
82.9391

■ 60.0679, 52.8024,
35.8807

■ 90.8663, 95.5985,
104.1071

■ 54.8499, 45.2518,
25.2461

■ 93.2346, 99.0641,
108.8150

■ 50.5312, 38.8568,
16.8938

■ 47.0580, 33.5588,
10.6541

■ 44.3699, 29.2935,
6.3334

■ 42.3977, 25.9895,
3.7016

■ 41.0418, 23.5584,
2.3841

■ 41.0417, 23.5583,
2.3841

Harmonies

Analogous

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



75.2792, 71.5811, 73.2264



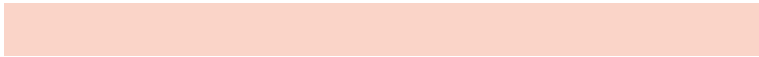
73.3932, 71.5811, 64.5919



70.1016, 71.5811, 59.7949

Triad

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



73.3932, 71.5811, 64.5919



61.3637, 71.5811, 72.2274



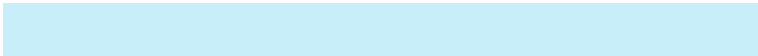
69.7296, 71.5811, 99.7574

Complementary

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



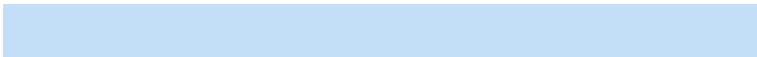
73.3932, 71.5811, 64.5919



71.6488, 80.3287, 102.1718

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.



66.0108, 71.5811, 99.4273



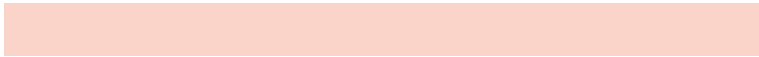
73.3932, 71.5811, 64.5919



61.2724, 71.5811, 82.8510

Square

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



73.3932, 71.5811, 64.5919



63.1997, 71.5811, 63.9186



62.9455, 71.5811, 93.0101



73.1123, 71.5811, 93.8744

Rectangle

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



73.3932, 71.5811, 64.5919



67.5977, 71.5811, 59.1176



62.9455, 71.5811, 93.0101



68.4755, 71.5811, 100.3846

Sweetspot

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



73.3951, 71.5843, 64.5934



89.0861, 91.8584, 95.2397



75.5611, 67.8262, 90.2559



18.9345, 19.4785, 20.0810



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.



73.3951, 71.5843, 64.5934



73.6316, 70.4989, 60.6481



80.0382, 84.8705, 66.8077



17.5829, 17.9017, 17.9911



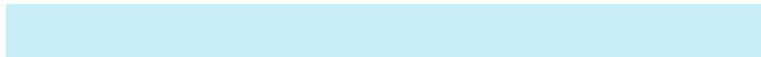
21.8620, 12.6807, 1.2954



2.1033, 1.3315, 0.1462

Inverse Universe

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



71.6488, 80.3287, 102.1718



71.4972, 81.1636, 106.5056



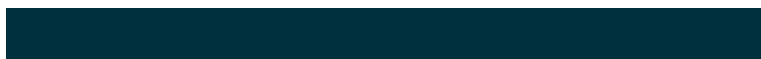
64.9538, 66.9388, 99.9402



17.3920, 18.8609, 22.1091



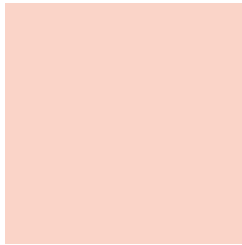
19.0346, 23.4247, 51.4917



1.8446, 2.3329, 4.7962

Previews

White Background



This preview shows how the XYZ color 73.3932, 71.5811, 64.5919 looks on a white background.

Color Contrast Check

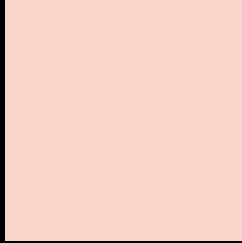
Large Text (above 18pt) WCAG AA × Fail

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 73.3932, 71.5811, 64.5919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

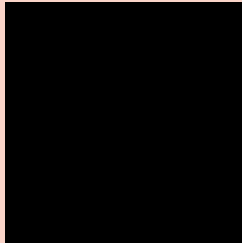
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3932, 71.5811, 64.5919

Background



This preview shows how black text looks on a background with the XYZ color 73.3932, 71.5811, 64.5919.

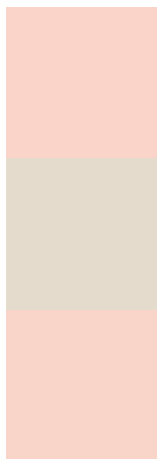


This preview shows how white text looks on a background with the XYZ color 73.3932, 71.5811,

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

73.3932, 71.5811, 64.5919

Protanopia

68.2255, 71.5166, 67.3350

Deuteranopia

73.0357, 71.3968, 64.5752



Tritanopia

76.6545, 71.4306, 80.9815

Trichromacy



Original Color

73.3932, 71.5811, 64.5919

Protanomaly

69.9274, 71.2564, 66.5682

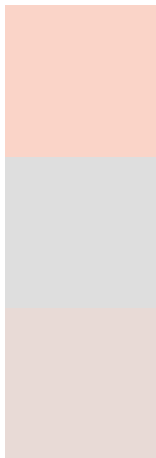
Deuteranomaly

73.0357, 71.3968, 64.5752

Tritanomaly

75.3400, 71.2542, 74.7483

Monochromacy



Original Color

73.3932, 71.5811, 64.5919

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4877, 72.1537, 73.8303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3932, 71.5811, 64.5919 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, 212, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 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(250, 212, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 200) }
```

Border

The CSS property to change the border of an element to XYZ 73.3932, 71.5811, 64.5919 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, 212, 200) }
```


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

```
.border{ border-color:rgb(250, 212, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 212, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3932, 71.5811, 64.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 200) }
```

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

```
.background{ background-color: rgb(250,  
212, 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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