

Converting Colors

XYZ(72.9871, 73.8158, 64.0015)

Have a look what the booklet for
XYZ(72.9871, 73.8158, 64.0015)
contains.

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Color

**XYZ(72.9206, 73.6325,
63.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DAC6
RGB	245, 218, 198
RGB Percent	96%, 85%, 78%
CMY	0.0392, 0.1451, 0.2235
CMYK	0.00, 0.11, 0.19, 0.04
HSL	26°, 70%, 87%
HSV	26°, 19%, 96%
XYZ	72.9206, 73.6325, 63.7952
YIQ	223.7930, 22.5120, -0.4960

Conversions

Conversions Part 2

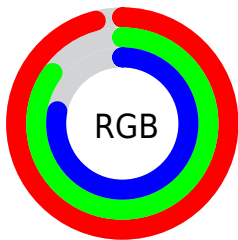
Format	Color
R _Y B	245, 233, 198
Decimal	16112326
CIE Lab	88.75, 6.23, 13.25
CIE LCh	89, 14.636, 64.826
Yxy	73.6325, 0.3467, 0.3501
Android (android.graphics.Color)	4294302406 (0xFFF5DAC6)
YUV	223.7930, -12.7159, 18.5985
Hunter-Lab	85.8094, 1.5224, 15.9873

Details

The XYZ color **72.9206, 73.6325, 63.7952** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6948, 72.4469, 96.8551**, and the grayscale version is **70.7820, 74.4682, 81.0959**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8703, 38.8994, 31.8452** is the 20% darker color. If you saturate the color by 10%, you get **66.8250, 65.6036, 48.9308**, and if you desaturate by 10%, it is **79.7871, 82.4706, 81.1735**.

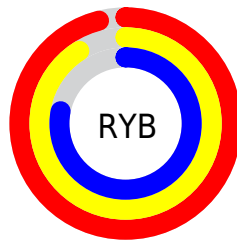
Distribution



Red (96%)

Green (85%)

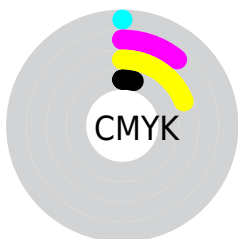
Blue (78%)



Red (96%)

Yellow (91%)

Blue (78%)

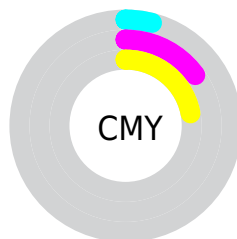


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9206, 73.6325, 63.7952 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 72.9206, 73.6325, 63.7952 by changing the saturation by 10% instead.


 72.9206, 73.6325,
63.7952

 72.9206, 73.6325,
63.7952


459.8476,
473.2040, 456.6368

 54.1992, 54.4933,
46.0397


122.3682,
124.3747, 111.9126

 38.9922, 38.9962,
31.9283


153.8251,
156.7465, 143.1115

 26.9344, 26.7568,
21.0423


190.2580,
194.2980, 179.6287

 17.6603, 17.3906,
12.9634

232.0320,
237.4135, 221.8826

 10.8046, 10.5134,
7.2729

279.5126,
286.4775, 270.2919

 6.0019, 5.7407,
3.5523

333.0652,

 2.8869, 2.6880,

341.8743, 325.2750

1.3831

393.0551,
403.9883, 387.2504

■ 1.0942, 0.9711,
0.1285

■ 0.0203, 0.0000,
0.0000

■ 72.9206, 73.6325,
63.7952

■ 72.9206, 73.6325,
63.7952

■ 66.8250, 65.6036,
48.9308

■ 79.7871, 82.4706,
81.1735

■ 61.4649, 58.3498,
36.4575

■ 87.4465, 92.1309,
101.1712

■ 56.8105, 51.8490,
26.2491

■ 91.4664, 98.1526,
108.7323

■ 52.8275, 46.0742,
18.1658

■ 49.4781, 40.9965,
12.0523

■ 46.7203, 36.5844,
7.7312

■ 44.5053, 32.8030,
4.9928

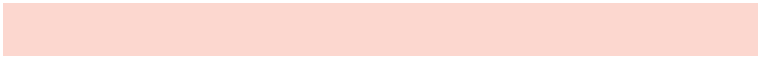
■ 42.7629, 29.6080,
3.5185

■ 42.6350, 29.3699,
3.4218

Harmonies

Analogous

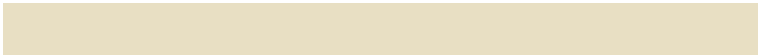
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7224, 73.6325, 69.5492



72.9206, 73.6325, 63.7952



69.4145, 73.6325, 62.2770

Triad

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



72.9206, 73.6325, 63.7952



63.4204, 73.6325, 81.8243



73.9446, 73.6325, 97.2617

Complementary

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



72.9206, 73.6325, 63.7952



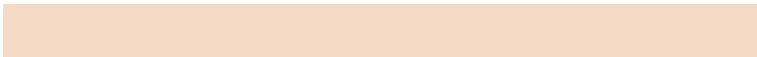
66.6948, 72.4469, 96.8551

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.



70.5596, 73.6325, 101.2063



72.9206, 73.6325, 63.7952



64.5459, 73.6325, 91.8277

Square

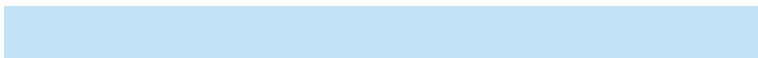
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9206, 73.6325, 63.7952



64.0050, 73.6325, 72.1647



67.1302, 73.6325, 99.1389



76.3274, 73.6325, 88.7535

Rectangle

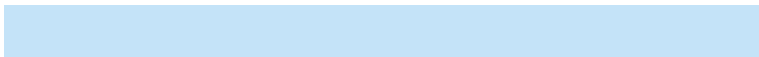
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9206, 73.6325, 63.7952



67.1667, 73.6325, 63.7522



67.1302, 73.6325, 99.1389



72.8821, 73.6325, 99.1966

Sweetspot

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



72.9226, 73.6358, 63.7967



89.9440, 93.5742, 95.5257



71.4985, 65.2605, 80.3614



19.1369, 19.8833, 20.1485



0.0000, 0.0000, 0.0000



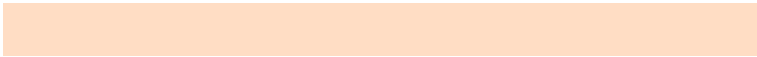
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9226, 73.6358, 63.7967



77.1830, 77.1401, 63.2552



79.3298, 86.4502, 65.9325



17.0790, 17.6421, 17.3027



23.0989, 16.0834, 1.8870



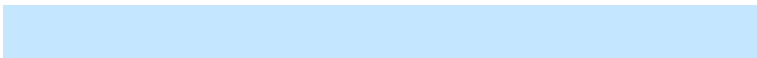
2.1298, 1.6129, 0.1991

Inverse Universe

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



66.6948, 72.4469, 96.8551



69.2131, 75.6167, 105.5553



60.8720, 60.8013, 94.9142



16.3715, 17.5073, 21.0589



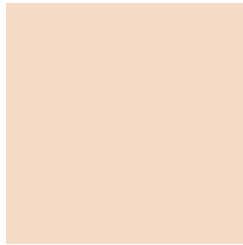
14.1280, 14.0498, 48.5053



1.3435, 1.4384, 4.2971

Previews

White Background



This preview shows how the XYZ color 72.9206, 73.6325, 63.7952 looks on a white background.

Color Contrast Check

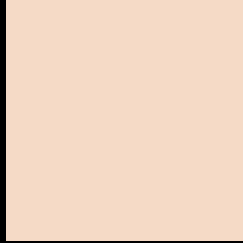
Large Text (above 18pt) WCAG AA × Fail

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 72.9206, 73.6325, 63.7952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

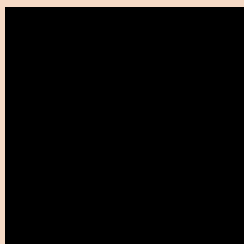
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9206, 73.6325, 63.7952

Background



This preview shows how black text looks on a background with the XYZ color 72.9206, 73.6325, 63.7952.



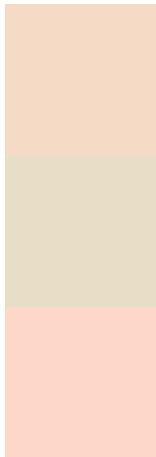
This preview shows how white text looks on a background with the XYZ color 72.9206, 73.6325,

63.7952.

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

72.9206, 73.6325, 63.7952

Protanopia

69.8253, 73.5685, 65.1635

Deuteranopia

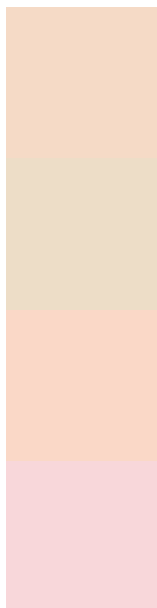
75.1173, 73.6070, 64.2813



Tritanopia

77.1441, 73.4414, 84.9726

Trichromacy



Original Color

72.9206, 73.6325, 63.7952

Protanomaly

71.0903, 73.8409, 64.5387

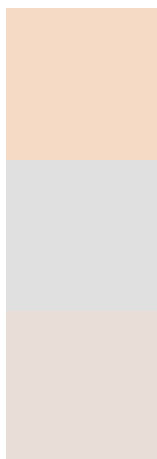
Deuteranomaly

74.2890, 73.5592, 64.3157

Tritanomaly

75.6667, 73.6193, 76.5515

Monochromacy



Original Color

72.9206, 73.6325, 63.7952

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6657, 74.3047, 74.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9206, 73.6325, 63.7952 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(245, 218, 198) looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 198)  
}
```

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(245, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 198) }
```

Border

The CSS property to change the border of an element to XYZ 72.9206, 73.6325, 63.7952 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(245, 218, 198) }
```


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

```
.border{ border-color:rgb(245, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9206, 73.6325, 63.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 198) }
```

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

```
.background{ background-color: rgb(245,  
218, 198) }
```

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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