

Converting Colors

XYZ(74.7600, 75.2469, 65.7192)

Have a look what the booklet for
XYZ(74.7600, 75.2469, 65.7192)
contains.

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Color

**XYZ(74.8472, 75.3599,
65.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DCC9
RGB	248, 220, 201
RGB Percent	97%, 86%, 79%
CMY	0.0274, 0.1372, 0.2118
CMYK	0.00, 0.11, 0.19, 0.03
HSL	24°, 77%, 88%
HSV	24°, 19%, 97%
XYZ	74.8472, 75.3599, 65.8594
YIQ	226.2060, 22.7870, 0.0270

Conversions

Conversions Part 2

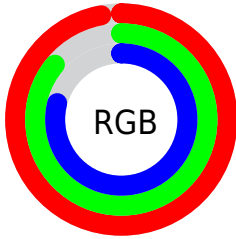
Format	Color
RYB	248, 233, 201
Decimal	16309449
CIELab	89.56, 6.72, 12.86
CIElCh	90, 14.510, 62.419
Yxy	75.3599, 0.3464, 0.3488
Android (android.graphics.Color)	4294499529 (0xFFF8DCC9)
YUV	226.2060, -12.4266, 19.1133
Hunter-Lab	86.8101, 1.9841, 15.7861

Details

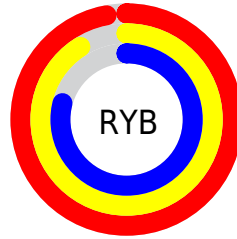
The XYZ color **74.8472, 75.3599, 65.8594** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.0495, 75.2316, 99.6893**, and the grayscale version is **72.5150, 76.2914, 83.0814**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2075, 40.0932, 33.2234** is the 20% darker color. If you saturate the color by 10%, you get **68.4554, 66.8739, 50.4789**, and if you desaturate by 10%, it is **82.0567, 84.7263, 83.8379**.

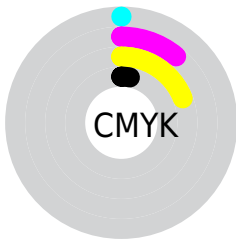
Distribution



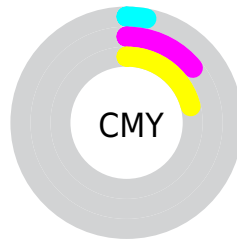
- Red (97%)
- Green (86%)
- Blue (79%)



- Red (97%)
- Yellow (91%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8472, 75.3599, 65.8594 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 74.8472, 75.3599, 65.8594 by changing the saturation by 10% instead.


 74.8472, 75.3599,
65.8594

 74.8472, 75.3599,
65.8594

466.3975,
479.1537, 464.2644

 55.7815, 55.9078,
47.7025


125.0851,
126.8217, 114.9096

 40.2640, 40.1290,
33.2330


156.9880,
159.6001, 146.6400

 27.9296, 27.6391,
22.0325


193.9006,
197.5895, 183.7319

 18.4128, 18.0538,
13.6822

236.1883,
241.1742, 226.6040

 11.3482, 10.9886,
7.7638

284.2165,
290.7385, 275.6748

 6.3706, 6.0592,
3.8586

338.3506,

 3.1145, 2.8811,

346.6670, 331.3627

1.5481

398.9558,
409.3439, 394.0864

■ 1.2146, 1.0700,
0.2534

■ 0.1178, 0.0000,
0.0000

■ 74.8472, 75.3599,
65.8594

■ 74.8472, 75.3599,
65.8594

■ 68.4554, 66.8739,
50.4789

■ 82.0567, 84.7263,
83.8379

■ 62.8439, 59.2314,
37.5700

■ 90.1074, 94.9884,
104.5235

■ 57.9811, 52.4078,
27.0026

■ 92.5216, 98.6966,
108.7817

■ 53.8306, 46.3731,
18.6325

■ 50.3527, 41.0953,
12.2997

■ 47.5027, 36.5397,
7.8218

■ 45.2292, 32.6677,
4.9831

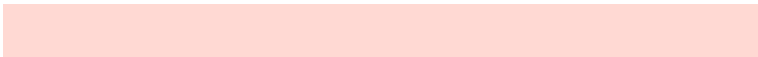
■ 43.4606, 29.4317,
3.4650

■ 43.2958, 29.1249,
3.3397

Harmonies

Analogous

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



77.5691, 75.3599, 71.9762



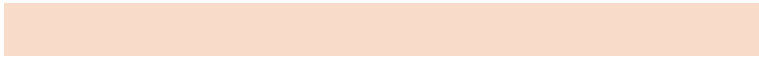
74.8472, 75.3599, 65.8594



71.3385, 75.3599, 63.9667

Triad

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



74.8472, 75.3599, 65.8594



64.9967, 75.3599, 82.8851



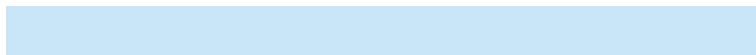
75.3642, 75.3599, 99.7608

Complementary

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



74.8472, 75.3599, 65.8594



69.0495, 75.2316, 99.6893

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.



71.9169, 75.3599, 103.2652



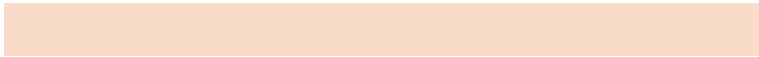
74.8472, 75.3599, 65.8594



65.9970, 75.3599, 93.0314

Square

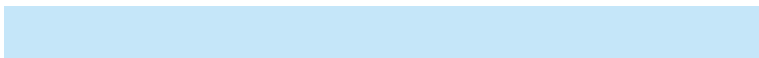
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8472, 75.3599, 65.8594



65.7236, 75.3599, 73.2988



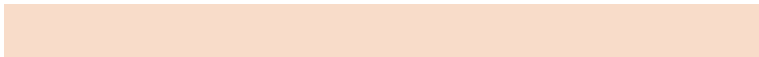
68.5011, 75.3599, 100.7073



77.8744, 75.3599, 91.4803

Rectangle

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



74.8472, 75.3599, 65.8594



69.0456, 75.3599, 65.2163



68.5011, 75.3599, 100.7073



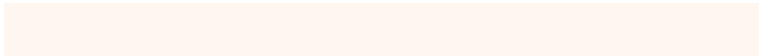
74.2726, 75.3599, 101.5661

Sweetspot

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



74.8492, 75.3633, 65.8610



89.8449, 93.3761, 95.4927



73.7696, 67.3990, 83.3972



19.1135, 19.8365, 20.1407



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.



74.8492, 75.3633, 65.8610



76.8541, 76.4823, 63.1456



81.3951, 88.4550, 68.0429



17.8208, 18.3774, 18.0703



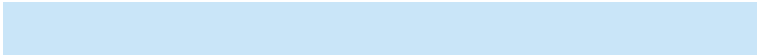
23.5172, 15.9911, 1.8471



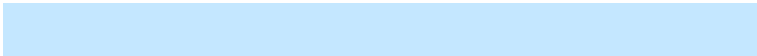
2.2790, 1.6829, 0.2047

Inverse Universe

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



69.0495, 75.2316, 99.6893



69.5617, 76.3139, 105.6715



63.0308, 63.1942, 97.6831



17.1428, 18.3624, 22.0261



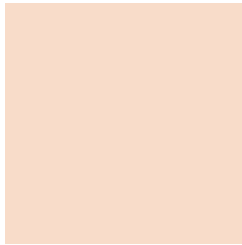
14.9909, 15.3374, 50.1439



1.4924, 1.6284, 4.6788

Previews

White Background



This preview shows how the XYZ color 74.8472, 75.3599, 65.8594 looks on a white background.

Color Contrast Check

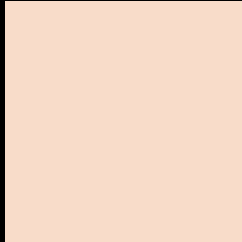
Large Text (above 18pt) WCAG AA × Fail

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 74.8472, 75.3599, 65.8594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

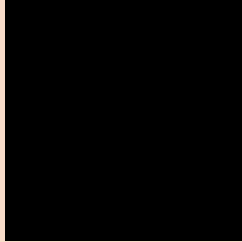
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8472, 75.3599, 65.8594

Background



This preview shows how black text looks on a background with the XYZ color 74.8472, 75.3599, 65.8594.



This preview shows how white text looks on a background with the XYZ color 74.8472, 75.3599,

65.8594.

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

74.8472, 75.3599, 65.8594

Protanopia

71.6364, 75.6546, 67.3271

Deuteranopia

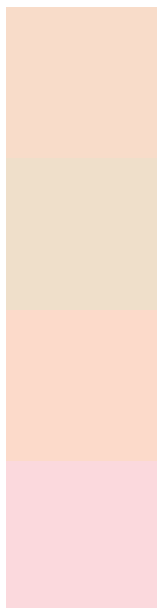
76.7135, 75.1500, 66.3393



Tritanopia

79.0108, 75.1225, 86.6797

Trichromacy



Original Color

74.8472, 75.3599, 65.8594

Protanomaly

72.6449, 75.3903, 66.6001

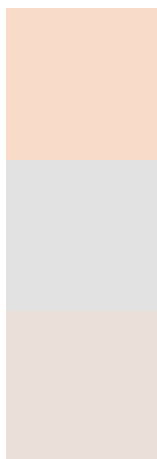
Deuteranomaly

75.8770, 75.1025, 66.3742

Tritanomaly

77.6477, 75.3554, 78.8592

Monochromacy



Original Color

74.8472, 75.3599, 65.8594

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1117, 75.8135, 76.4257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8472, 75.3599, 65.8594 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(248, 220, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 201)  
}
```

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(248, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 201) }
```

Border

The CSS property to change the border of an element to XYZ 74.8472, 75.3599, 65.8594 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(248, 220, 201) }
```


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

```
.border{ border-color:rgb(248, 220, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8472, 75.3599, 65.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 201) }
```

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

```
.background{ background-color: rgb(248,  
220, 201) }
```

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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