

Converting Colors

XYZ(73.7030, 74.9246, 65.5876)

Have a look what the booklet for
XYZ(73.7030, 74.9246, 65.5876)
contains.

XYZ(73.7920, 74.8159, 65.8100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.7920, 74.8159,
65.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DCC9
RGB	245, 220, 201
RGB Percent	96%, 86%, 79%
CMY	0.0392, 0.1372, 0.2118
CMYK	0.00, 0.10, 0.18, 0.04
HSL	26°, 69%, 87%
HSV	26°, 18%, 96%
XYZ	73.7920, 74.8159, 65.8100
YIQ	225.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

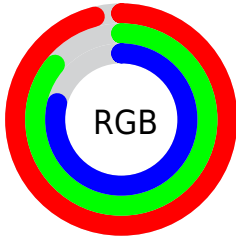
Format	Color
R _Y B	245, 234, 201
Decimal	16112841
CIE Lab	89.31, 5.64, 12.46
CIE LCh	89, 13.679, 65.670
Yxy	74.8159, 0.3442, 0.3489
Android (android.graphics.Color)	4294302921 (0xFFF5DCC9)
YUV	225.3090, -11.9843, 17.2690
Hunter-Lab	86.4962, 0.9144, 15.4370

Details

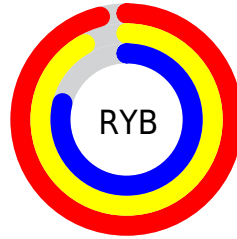
The XYZ color **73.7920, 74.8159, 65.8100** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.7648, 73.4012, 96.9830**, and the grayscale version is **71.8650, 75.6075, 82.3366**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4606, 39.7082, 33.1884** is the 20% darker color. If you saturate the color by 10%, you get **67.6352, 66.7521, 50.6547**, and if you desaturate by 10%, it is **80.7168, 83.6786, 83.4909**.

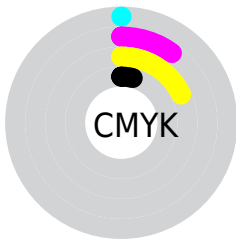
Distribution



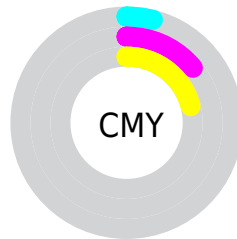
- Red (96%)
- Green (86%)
- Blue (79%)



- Red (96%)
- Yellow (92%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7920, 74.8159, 65.8100 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 73.7920, 74.8159, 65.8100 by changing the saturation by 10% instead.

 73.7920, 74.8159,
65.8100

 73.7920, 74.8159,
65.8100


462.8166,
477.2846, 464.0827

 54.9145, 55.4621,
47.6627

123.5980,
126.0517, 114.8380

 39.5668, 39.7718,
33.2017


155.2572,
158.7025, 146.5557

 27.3837, 27.3607,
22.0087


191.9077,
196.5544, 183.6340

 17.9997, 17.8443,
13.6649

233.9148,
239.9919, 226.4914

 11.0494, 10.8382,
7.7519

281.6439,
289.3992, 275.5464

 6.1676, 5.9582,
3.8511

335.4603,

 2.9889, 2.8197,

345.1608, 331.2176

1.5440

395.7294,
407.6611, 393.9236

■ 1.1479, 1.0383,
0.2504

■ 0.0646, 0.0000,
0.0000

■ 73.7920, 74.8159,
65.8100

■ 73.7920, 74.8159,
65.8100

■ 67.6352, 66.7521,
50.6547

■ 80.7168, 83.6786,
83.4909

■ 62.2111, 59.4537,
37.9033

■ 88.4308, 93.3524,
103.8020

■ 57.4906, 52.8993,
27.4310

■ 91.4664, 98.1526,
108.7323

■ 53.4401, 47.0627,
19.0997

■ 50.0226, 41.9157,
12.7564

■ 47.1969, 37.4280,
8.2270

■ 44.9155, 33.5659,
5.3067

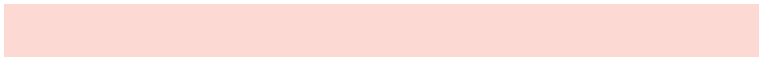
■ 43.1166, 30.2890,
3.7175

■ 42.7921, 29.6840,
3.4742

Harmonies

Analogous

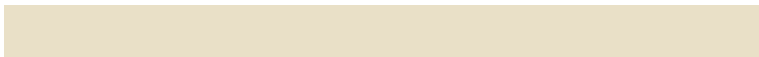
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4621, 74.8159, 71.1899



73.7920, 74.8159, 65.8100



70.4769, 74.8159, 64.4788

Triad

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



73.7920, 74.8159, 65.8100



64.9026, 74.8159, 83.2946



74.9255, 74.8159, 97.3540

Complementary

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



73.7920, 74.8159, 65.8100



67.7648, 73.4012, 96.9830

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.



71.7474, 74.8159, 101.1921



73.7920, 74.8159, 65.8100



66.0142, 74.8159, 92.6770

Square

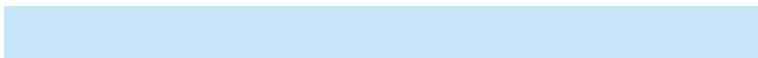
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7920, 74.8159, 65.8100



65.4115, 74.8159, 74.1091



68.4943, 74.8159, 99.4171



77.1307, 74.8159, 89.2854

Rectangle

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



73.7920, 74.8159, 65.8100



68.3614, 74.8159, 65.9680



68.4943, 74.8159, 99.4171



73.9318, 74.8159, 99.2094

Sweetspot

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



73.7940, 74.8193, 65.8116



90.7973, 94.6713, 97.6893



72.3628, 66.7144, 81.4961



19.3102, 20.1072, 20.5849



0.0000, 0.0000, 0.0000



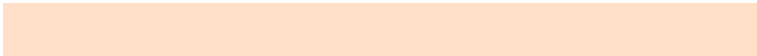
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7940, 74.8193, 65.8116



77.9599, 78.2242, 64.9618



79.7536, 86.7383, 67.7981



17.0878, 17.6597, 17.3056



23.1844, 16.2544, 1.9155



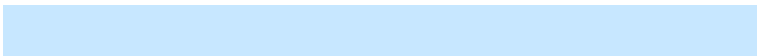
2.1377, 1.6287, 0.2017

Inverse Universe

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



67.7648, 73.4012, 96.9830



70.0880, 76.3711, 105.6548



62.3214, 62.5145, 95.1686



16.3625, 17.4893, 21.0559



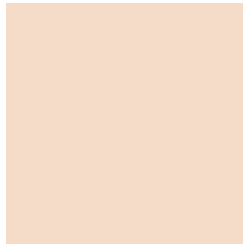
14.0069, 13.8076, 48.4649



1.3331, 1.4176, 4.2936

Previews

White Background



This preview shows how the XYZ color 73.7920, 74.8159, 65.8100 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 73.7920, 74.8159, 65.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

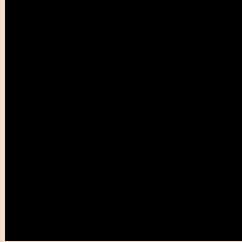
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7920, 74.8159, 65.8100

Background



This preview shows how black text looks on a background with the XYZ color 73.7920, 74.8159, 65.8100.



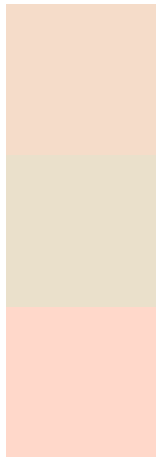
This preview shows how white text looks on a background with the XYZ color 73.7920, 74.8159,

65.8100.

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

73.7920, 74.8159, 65.8100

Protanopia

71.3668, 75.1155, 67.2372

Deuteranopia

76.4565, 74.6360, 66.2536



Tritanopia

77.9328, 74.5668, 86.6293

Trichromacy



Original Color

73.7920, 74.8159, 65.8100

Protanomaly

72.3082, 75.2168, 66.5843

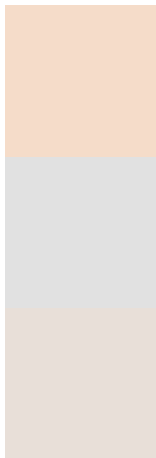
Deuteranomaly

75.2572, 74.3992, 66.2711

Tritanomaly

76.5754, 74.8026, 78.8090

Monochromacy



Original Color

73.7920, 74.8159, 65.8100

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0611, 74.8890, 75.6227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7920, 74.8159, 65.8100 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, 220, 201)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 201) }
```

Border

The CSS property to change the border of an element to XYZ 73.7920, 74.8159, 65.8100 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, 220, 201) }
```


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

```
.border{ border-color:rgb(245, 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(245, 220, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7920, 74.8159, 65.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 201) }
```

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

```
.background{ background-color: rgb(245,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor