

Converting Colors

XYZ(79.2194, 80.8164, 65.1906)

Have a look what the booklet for
XYZ(79.2194, 80.8164, 65.1906)
contains.

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Color

**XYZ(79.2922, 80.8703,
65.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C7
RGB	255, 228, 199
RGB Percent	100%, 89%, 78%
CMY	0.0000, 0.1059, 0.2196
CMYK	0.00, 0.11, 0.22, 0.00
HSL	31°, 100%, 89%
HSV	31°, 22%, 100%
XYZ	79.2922, 80.8703, 65.4632
YIQ	232.7670, 25.4010, -3.2950

Conversions

Conversions Part 2

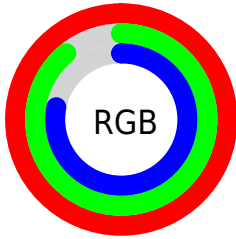
Format	Color
R _Y B	251, 255, 199
Decimal	16770247
CIE Lab	92.07, 4.85, 17.53
CIE LCh	92, 18.192, 74.528
Yxy	80.8703, 0.3514, 0.3584
Android (android.graphics.Color)	4294960327 (0xFFFFE4C7)
YUV	232.7670, -16.6471, 19.4983
Hunter-Lab	89.9279, 0.0151, 19.7893

Details

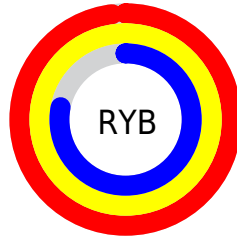
The XYZ color **79.2922, 80.8703, 65.4632** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.7988, 73.7527, 105.2173**, and the grayscale version is **77.3864, 81.4165, 88.6626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3431, 43.9372, 32.9844** is the 20% darker color. If you saturate the color by 10%, you get **73.3142, 73.2619, 50.0671**, and if you desaturate by 10%, it is **86.0107, 89.1651, 83.5557**.

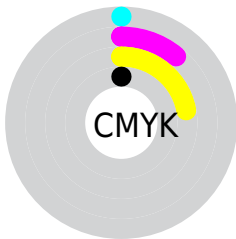
Distribution



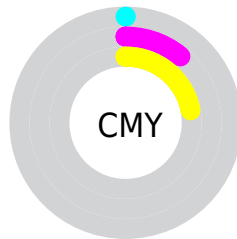
- Red (100%)
- Green (89%)
- Blue (78%)



- Red (98%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2922, 80.8703, 65.4632 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 79.2922, 80.8703, 65.4632 by changing the saturation by 10% instead.


 79.2922, 80.8703,
65.4632

 79.2922, 80.8703,
65.4632


481.3172,
497.8610, 462.8063

 59.4425, 60.4348,
47.3830


131.3259,
134.5886, 114.3352

 43.2172, 43.7692,
32.9821


164.2407,
168.6403, 145.9641

 30.2508, 30.4891,
21.8417


202.2412,
207.9994, 182.9463

 20.1781, 20.2101,
13.5434

245.6927,
253.0503, 225.7004

 12.6336, 12.5479,
7.6687

294.9608,
304.1776, 274.6449

 7.2520, 7.1180,
3.7990

350.4107,

 3.6679, 3.5360,

361.7655, 330.1984

1.5157

412.4077,
426.1985, 392.7794

■ 1.5160, 1.4175,
0.2296

■ 0.3367, 0.2296,
0.0000

■ 79.2922, 80.8703,
65.4632

■ 79.2922, 80.8703,
65.4632

■ 73.3142, 73.2619,
50.0671

■ 86.0107, 89.1651,
83.5557

■ 68.0411, 66.3096,
37.2306

■ 93.4918, 98.1546,
104.4621

■ 63.4431, 59.9958,
26.8123

■ 95.0500, 100.0000,
108.9000

■ 59.4853, 54.2982,
18.6551

■ 56.1291, 49.1925,
12.5828

■ 53.3306, 44.6521,
8.3928

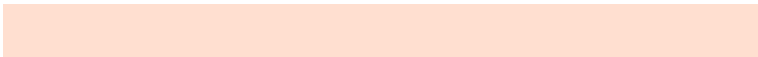
■ 51.0380, 40.6467,
5.8411

■ 49.5018, 37.7837,
4.6839

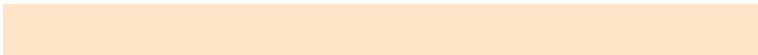
Harmonies

Analogous

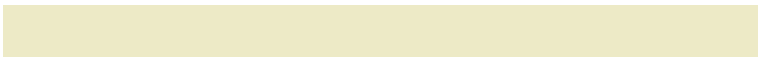
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4652, 80.8703, 71.1778



79.2922, 80.8703, 65.4632



74.6277, 80.8703, 65.3731

Triad

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



79.2922, 80.8703, 65.4632



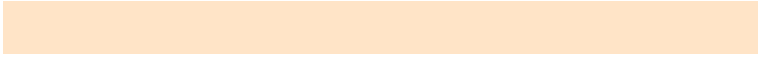
68.4727, 80.8703, 94.6837



83.3545, 80.8703, 107.7498

Complementary

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



79.2922, 80.8703, 65.4632



68.7988, 73.7527, 105.2173

Split Complementary

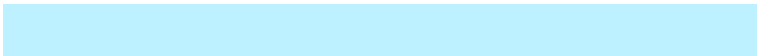
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1461, 80.8703, 115.4541



79.2922, 80.8703, 65.4632



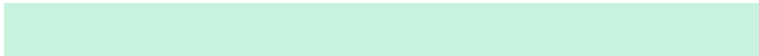
70.6219, 80.8703, 107.4068

Square

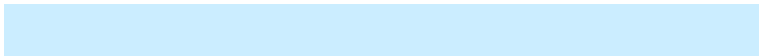
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2922, 80.8703, 65.4632



68.5083, 80.8703, 81.3517



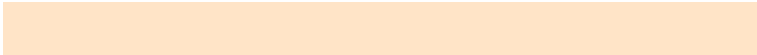
74.4874, 80.8703, 115.3225



85.8747, 80.8703, 95.1147

Rectangle

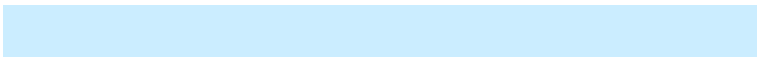
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2922, 80.8703, 65.4632



71.8725, 80.8703, 68.4695



74.4874, 80.8703, 115.3225



82.0830, 80.8703, 111.0566

Sweetspot

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



79.2941, 80.8738, 65.4649



89.6242, 93.5356, 93.5662



75.4006, 67.6024, 81.0747



19.0870, 19.9046, 19.7582



0.0000, 0.0000, 0.0000



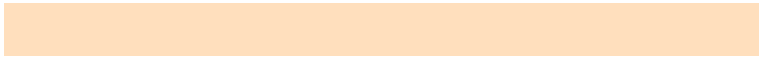
20.3446, 21.4041, 23.3091

Same Dimension

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



79.2941, 80.8738, 65.4649



76.7912, 77.7180, 58.9273



86.9665, 96.7270, 68.1205



18.7877, 19.5435, 18.9264



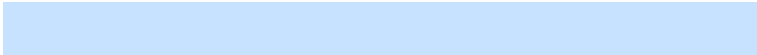
26.0162, 20.0436, 2.4976



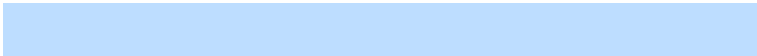
2.6425, 2.1704, 0.2797

Inverse Universe

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



68.7988, 73.7527, 105.2173



64.7286, 69.5339, 104.6176



62.2759, 60.3381, 102.9719



17.7256, 18.8228, 22.9489



13.2753, 11.4601, 50.9469



1.4013, 1.3333, 4.9968

Previews

White Background



This preview shows how the XYZ color 79.2922, 80.8703, 65.4632 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 79.2922, 80.8703, 65.4632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

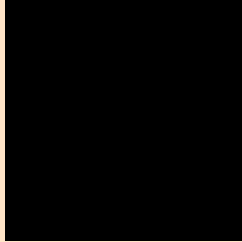
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2922, 80.8703, 65.4632

Background



This preview shows how black text looks on a background with the XYZ color 79.2922, 80.8703, 65.4632.



This preview shows how white text looks on a background with the XYZ color 79.2922, 80.8703,

65.4632.

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

79.2922, 80.8703, 65.4632

Protanopia

76.7075, 81.1634, 66.8815

Deuteranopia

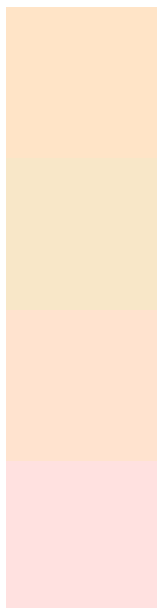
80.5928, 80.9516, 73.6649



Tritanopia

83.3283, 80.7444, 92.0823

Trichromacy



Original Color

79.2922, 80.8703, 65.4632

Protanomaly

77.7126, 81.2784, 66.2360

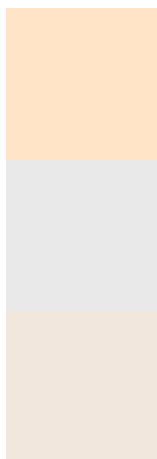
Deuteranomaly

79.9716, 80.7032, 70.3938

Tritanomaly

81.6198, 80.4922, 81.7557

Monochromacy



Original Color

79.2922, 80.8703, 65.4632

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9027, 81.0731, 79.9494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2922, 80.8703, 65.4632 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(255, 228, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 199)  
}
```

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(255, 228, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 199) }
```

Border

The CSS property to change the border of an element to XYZ 79.2922, 80.8703, 65.4632 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(255, 228, 199) }
```


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

```
.border{ border-color:rgb(255, 228, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2922, 80.8703, 65.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 199) }
```

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

```
.background{ background-color: rgb(255,  
228, 199) }
```

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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