

Converting Colors

XYZ(80.4230, 80.1403, 75.0049)

Have a look what the booklet for
XYZ(80.4230, 80.1403, 75.0049)
contains.

XYZ(80.3028, 79.9655, 74.8208)	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(80.3028, 79.9655,
74.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1D6
RGB	255, 225, 214
RGB Percent	100%, 88%, 84%
CMY	0.0000, 0.1176, 0.1608
CMYK	0.00, 0.12, 0.16, 0.00
HSL	16°, 100%, 92%
HSV	16°, 16%, 100%
XYZ	80.3028, 79.9655, 74.8208
YIQ	232.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

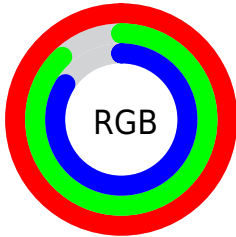
Format	Color
R_{YB}	255, 229, 214
Decimal	16769494
CIE _{Lab}	91.67, 8.59, 9.15
CIE _{LCh}	92, 12.548, 46.808
Yxy	79.9655, 0.3416, 0.3401
Android (android.graphics.Color)	4294959574 (0xFFFFE1D6)
YUV	232.7160, -9.2270, 19.5431
Hunter-Lab	89.4234, 3.8031, 12.9883

Details

The XYZ color **80.3028, 79.9655, 74.8208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1313, 86.2150, 107.1309**, and the grayscale version is **77.2962, 81.3216, 88.5592**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9214, 43.2584, 38.8357** is the 20% darker color. If you saturate the color by 10%, you get **72.5272, 69.2243, 57.4000**, and if you desaturate by 10%, it is **89.1432, 92.0196, 95.1137**.

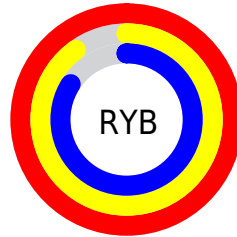
Distribution



Red (100%)

Green (88%)

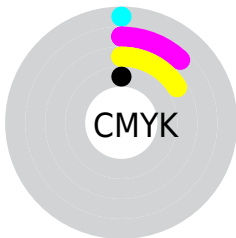
Blue (84%)



Red (100%)

Yellow (90%)

Blue (84%)

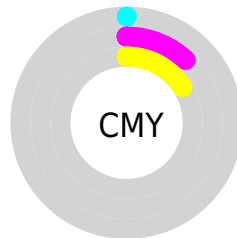


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.3028, 79.9655, 74.8208 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 80.3028, 79.9655, 74.8208 by changing the saturation by 10% instead.


 80.3028, 79.9655,
74.8208

 80.3028, 79.9655,
74.8208


484.6737,
494.8166, 496.5404

 60.2769, 59.6900,
54.9652


132.7397,
133.3172, 127.8034

 43.8922, 43.1688,
38.9755


165.8813,
167.1622, 161.7676

 30.7833, 30.0176,
26.4330

204.1256,
206.2991, 201.2717

 20.5849, 19.8519,
16.9192

247.8378,
251.1124, 246.7343

 12.9316, 12.2875,
10.0155

297.3834,
301.9863, 298.5739

 7.4582, 6.9398,
5.3035

353.1277,

 3.7991, 3.4245,

359.3054, 357.2091

2.3646

415.4360,
423.4540, 423.0584

■ 1.5891, 1.3571,
0.7671

■ 0.3853, 0.1848,
0.0000

■ 80.3028, 79.9655,
74.8208

■ 80.3028, 79.9655,
74.8208

■ 72.5272, 69.2243,
57.4000

■ 89.1432, 92.0196,
95.1137

■ 65.7692, 59.7409,
42.7158

95.0500, 100.0000,
108.9000

■ 59.9869, 51.4714,
30.6294

■ 55.1326, 44.3656,
20.9873

■ 51.1546, 38.3692,
13.6203

■ 47.9957, 33.4237,
8.3369

■ 45.5909, 29.4644,
4.9137

■ 43.8629, 26.4182,
3.0746

■ 43.3342, 25.4484,
2.6281

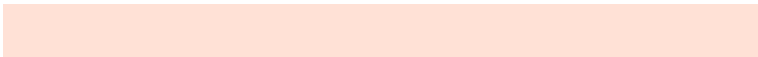
Harmonies

Analogous

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



82.0602, 79.9655, 82.0626



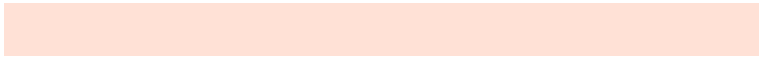
80.3028, 79.9655, 74.8208



77.4204, 79.9655, 70.9857

Triad

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



80.3028, 79.9655, 74.8208



70.1593, 79.9655, 83.1015



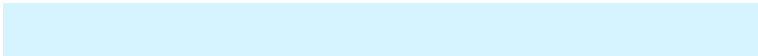
77.8014, 79.9655, 105.0871

Complementary

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



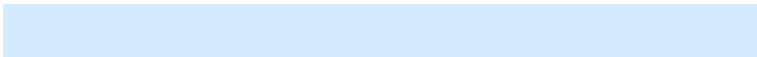
80.3028, 79.9655, 74.8208



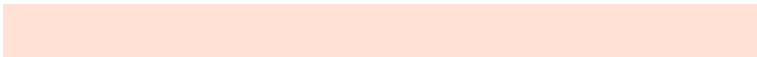
78.1313, 86.2150, 107.1309

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.



74.6066, 79.9655, 105.4143



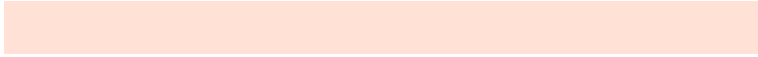
80.3028, 79.9655, 74.8208



70.2548, 79.9655, 92.2746

Square

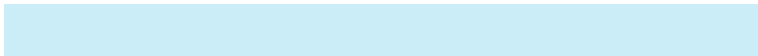
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3028, 79.9655, 74.8208



71.5983, 79.9655, 75.5351



71.8630, 79.9655, 100.5855



80.5885, 79.9655, 99.7206

Rectangle

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



80.3028, 79.9655, 74.8208



75.2764, 79.9655, 70.6882



71.8630, 79.9655, 100.5855



76.7379, 79.9655, 105.8026

Sweetspot

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



80.3047, 79.9689, 74.8225



90.1608, 93.3982, 97.4771



81.6263, 75.8897, 95.9874



19.1558, 19.7983, 20.5334



0.0000, 0.0000, 0.0000



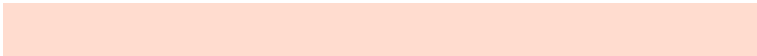
20.3446, 21.4041, 23.3091

Same Dimension

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



80.3047, 79.9689, 74.8225



77.9240, 76.6960, 69.4402



86.1616, 91.6827, 76.7748



18.4059, 18.7801, 18.7991



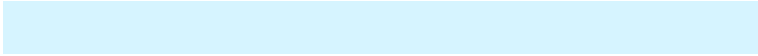
22.7473, 13.5058, 1.4080



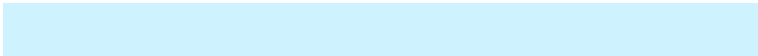
2.3003, 1.4860, 0.1656

Inverse Universe

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



78.1313, 86.2150, 107.1309



75.4073, 83.9221, 106.8319



72.3217, 74.5957, 105.1944



18.1182, 19.6081, 23.0798



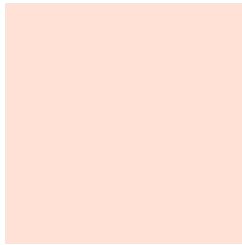
18.7972, 22.5041, 52.7876



1.9204, 2.3716, 5.1698

Previews

White Background



This preview shows how the XYZ color 80.3028, 79.9655, 74.8208 looks on a white background.

Color Contrast Check

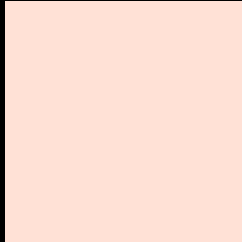
Large Text (above 18pt) WCAG AA × Fail

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 80.3028, 79.9655, 74.8208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

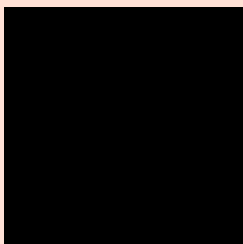
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3028, 79.9655, 74.8208

Background



This preview shows how black text looks on a background with the XYZ color 80.3028, 79.9655, 74.8208.



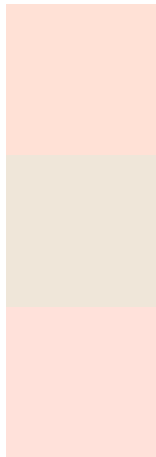
This preview shows how white text looks on a background with the XYZ color 80.3028, 79.9655,

74.8208.

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

80.3028, 79.9655, 74.8208

Protanopia

76.4178, 79.9541, 77.0507

Deuteranopia

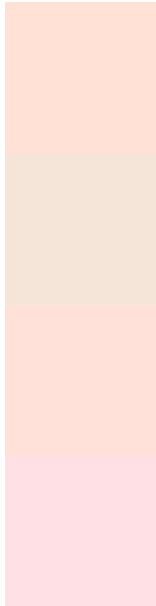
80.8201, 80.1724, 77.5448



Tritanopia

83.0603, 80.2084, 91.9929

Trichromacy



Original Color

80.3028, 79.9655, 74.8208

Protanomaly

77.7943, 79.8572, 76.2795

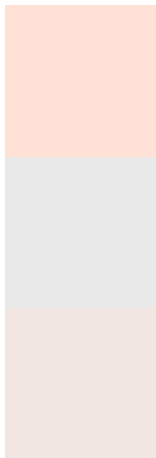
Deuteranomaly

80.6896, 80.1202, 76.8576

Tritanomaly

82.0385, 80.2285, 85.2905

Monochromacy



Original Color

80.3028, 79.9655, 74.8208

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.2999, 80.7854, 83.4178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3028, 79.9655, 74.8208 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, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 214)  
}
```

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, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 214) }
```

Border

The CSS property to change the border of an element to XYZ 80.3028, 79.9655, 74.8208 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, 225, 214) }
```


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

```
.border{ border-color:rgb(255, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3028, 79.9655, 74.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 214) }
```

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

```
.background{ background-color: rgb(255,  
225, 214) }
```

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