

Converting Colors

XYZ(79.4493, 80.4456, 74.6365)

Have a look what the booklet for
XYZ(79.4493, 80.4456, 74.6365)
contains.

XYZ(79.3903, 80.3024, 74.9339)	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(79.3903, 80.3024,
74.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE3D6
RGB	251, 227, 214
RGB Percent	98%, 89%, 84%
CMY	0.0157, 0.1098, 0.1608
CMYK	0.00, 0.10, 0.15, 0.02
HSL	21°, 82%, 91%
HSV	21°, 15%, 98%
XYZ	79.3903, 80.3024, 74.9339
YIQ	232.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

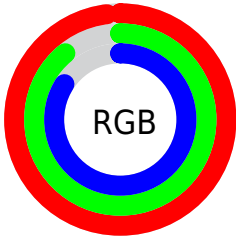
Format	Color
R _Y B	251, 234, 214
Decimal	16507862
CIE Lab	91.82, 6.14, 9.32
CIE LCh	92, 11.160, 56.621
Yxy	80.3024, 0.3384, 0.3423
Android (android.graphics.Color)	4294697942 (0xFFFBE3D6)
YUV	232.6940, -9.2161, 16.0544
Hunter-Lab	89.6116, 1.3196, 13.1494

Details

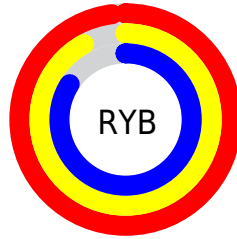
The XYZ color **79.3903, 80.3024, 74.9339** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7182, 82.4084, 103.1831**, and the grayscale version is **77.2812, 81.3058, 88.5421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2587, 43.4776, 38.9129** is the 20% darker color. If you saturate the color by 10%, you get **72.1853, 70.6328, 57.9170**, and if you desaturate by 10%, it is **87.5146, 91.0187, 94.6960**.

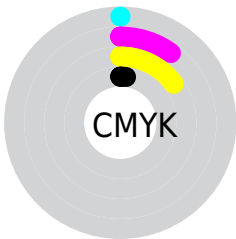
Distribution



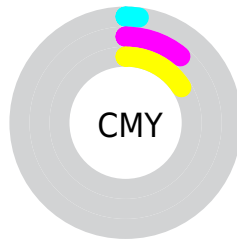
- Red (98%)
- Green (89%)
- Blue (84%)



- Red (98%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3903, 80.3024, 74.9339 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 79.3903, 80.3024, 74.9339 by changing the saturation by 10% instead.


 79.3903, 80.3024,
74.9339

 79.3903, 80.3024,
74.9339


481.6436,
495.9514, 496.9397

 59.5235, 59.9672,
55.0573


131.4632,
133.7908, 127.9650

 43.2827, 43.3922,
39.0487


164.4000,
167.7128, 161.9567

 30.3024, 30.1930,
26.4895


202.4243,
206.9326, 201.4904

 20.2175, 19.9851,
16.9612

245.9012,
251.8345, 246.9848

 12.6624, 12.3842,
10.0451

295.1963,
302.8029, 298.8584

 7.2719, 7.0059,
5.3229

350.6748,

 3.6805, 3.4658,

360.2223, 357.5297

2.3759

412.7021,
424.4770, 423.4173

■ 1.5230, 1.3795,
0.7733

■ 0.3414, 0.2015,
0.0000

■ 79.3903, 80.3024,
74.9339

■ 79.3903, 80.3024,
74.9339

■ 72.1853, 70.6328,
57.9170

■ 87.5146, 91.0187,
94.6960

■ 65.8590, 61.9668,
43.5177

■ 93.5939, 99.2494,
108.8319

■ 60.3770, 54.2741,
31.6056

■ 55.7003, 47.5186,
22.0372

■ 51.7861, 41.6620,
14.6539

■ 48.5873, 36.6626,
9.2774

■ 46.0505, 32.4750,
5.7005

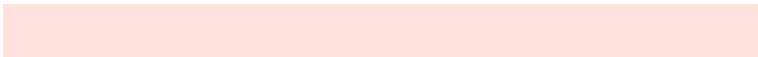
■ 44.1125, 29.0482,
3.6695

■ 43.2919, 27.5252,
3.0312

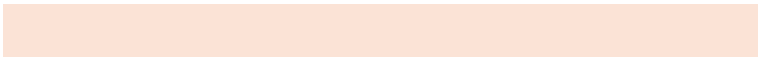
Harmonies

Analogous

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



81.3469, 80.3024, 80.5674



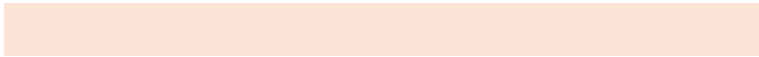
79.3903, 80.3024, 74.9339



76.6495, 80.3024, 72.6389

Triad

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



79.3903, 80.3024, 74.9339



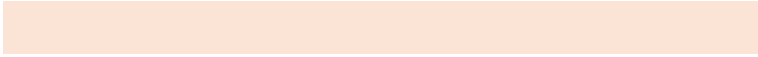
70.9665, 80.3024, 86.5109



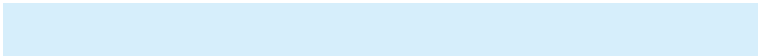
78.8155, 80.3024, 102.2828

Complementary

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



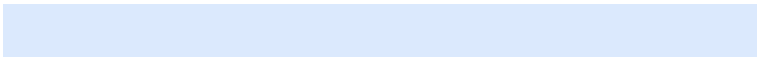
79.3903, 80.3024, 74.9339



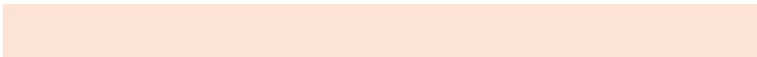
75.7182, 82.4084, 103.1831

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.



76.0014, 80.3024, 104.1167



79.3903, 80.3024, 74.9339



71.5142, 80.3024, 94.6835

Square

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



79.3903, 80.3024, 74.9339



71.8249, 80.3024, 79.0549



73.3397, 80.3024, 101.2559



81.0093, 80.3024, 96.3887

Rectangle

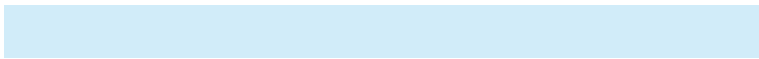
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3903, 80.3024, 74.9339



74.7630, 80.3024, 73.1976



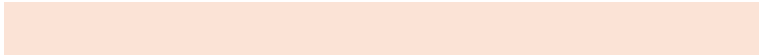
73.3397, 80.3024, 101.2559



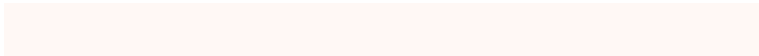
77.9087, 80.3024, 103.4098

Sweetspot

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



79.3925, 80.3060, 74.9356



91.3768, 95.2122, 99.7879



79.2711, 74.7794, 91.1841



19.4143, 20.1909, 21.0034



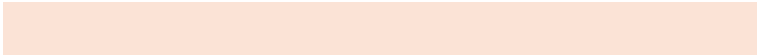
0.0000, 0.0000, 0.0000



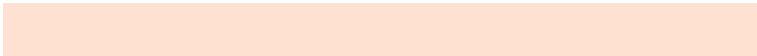
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3925, 80.3060, 74.9356



79.7492, 79.8448, 71.5949



84.7108, 90.9425, 76.7084



17.7436, 18.2231, 18.0446



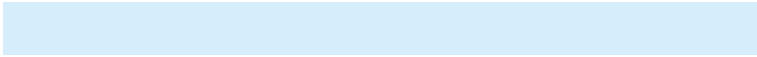
22.8791, 14.7149, 1.6344



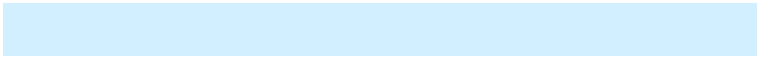
2.2144, 1.5537, 0.1832

Inverse Universe

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



75.7182, 82.4084, 103.1831



75.2004, 82.4451, 106.5578



70.6204, 72.2128, 101.4838



17.2224, 18.5217, 22.0526



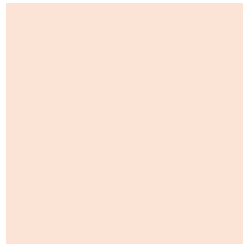
16.1586, 17.6727, 50.5331



1.5961, 1.8358, 4.7134

Previews

White Background



This preview shows how the XYZ color 79.3903, 80.3024, 74.9339 looks on a white background.

Color Contrast Check

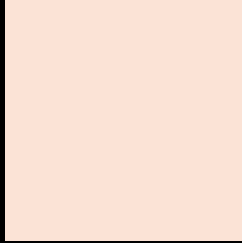
Large Text (above 18pt) WCAG AA × Fail

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 79.3903, 80.3024, 74.9339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

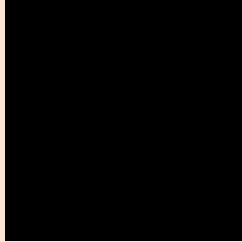
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3903, 80.3024, 74.9339

Background



This preview shows how black text looks on a background with the XYZ color 79.3903, 80.3024, 74.9339.

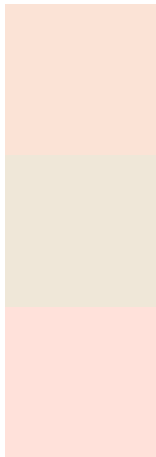


This preview shows how white text looks on a background with the XYZ color 79.3903, 80.3024,

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

79.3903, 80.3024, 74.9339

Protanopia

76.5672, 80.4604, 76.4606

Deuteranopia

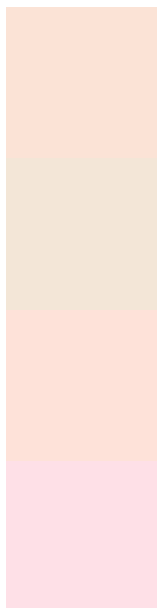
80.8201, 80.1724, 77.5448



Tritanopia

83.3559, 80.3266, 93.5493

Trichromacy



Original Color

79.3903, 80.3024, 74.9339

Protanomaly

77.5247, 80.5546, 75.7526

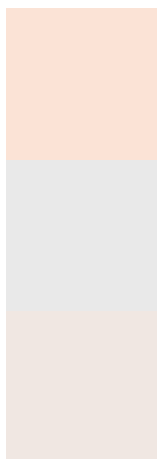
Deuteranomaly

80.5938, 80.4733, 76.9308

Tritanomaly

81.9525, 80.1517, 86.7528

Monochromacy



Original Color

79.3903, 80.3024, 74.9339

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.2386, 81.1681, 83.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3903, 80.3024, 74.9339 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(251, 227, 214) looks like.

```
.text, #text, p{  
    color:rgb(251, 227, 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(251, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 79.3903, 80.3024, 74.9339 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(251, 227, 214) }
```


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

```
.border{ border-color:rgb(251, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(251, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3903, 80.3024, 74.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 227, 214) }
```

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

```
.background{ background-color: rgb(251,  
227, 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