

Converting Colors

XYZ(79.8914, 82.7037, 71.7593)

Have a look what the booklet for
XYZ(79.8914, 82.7037, 71.7593)
contains.

XYZ(79.7896, 82.6407, 72.0675)	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(79.7896, 82.6407,
72.0675)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE8D1
RGB	250, 232, 209
RGB Percent	98%, 91%, 82%
CMY	0.0196, 0.0902, 0.1804
CMYK	0.00, 0.07, 0.16, 0.02
HSL	34°, 80%, 90%
HSV	34°, 16%, 98%
XYZ	79.7896, 82.6407, 72.0675
YIQ	234.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

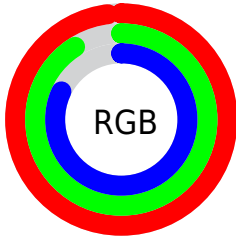
Format	Color
RYB	241, 250, 209
Decimal	16443601
CIELab	92.86, 2.46, 13.39
CIELCh	93, 13.612, 79.586
Yxy	82.6407, 0.3403, 0.3524
Android (android.graphics.Color)	4294633681 (0xFFFAE8D1)
YUV	234.7600, -12.6997, 13.3655
Hunter-Lab	90.9069, -2.4165, 16.6320

Details

The XYZ color **79.7896, 82.6407, 72.0675** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0186, 75.3940, 101.2526**, and the grayscale version is **78.8689, 82.9762, 90.3611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4340, 44.7547, 37.3596** is the 20% darker color. If you saturate the color by 10%, you get **73.9418, 75.5155, 56.0271**, and if you desaturate by 10%, it is **86.3204, 90.3533, 90.7337**.

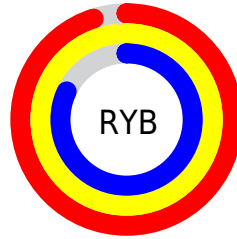
Distribution



Red (98%)

Green (91%)

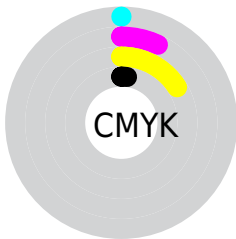
Blue (82%)



Red (95%)

Yellow (98%)

Blue (82%)

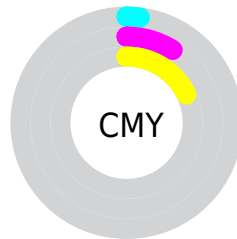


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (9%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7896, 82.6407, 72.0675 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 79.7896, 82.6407, 72.0675 by changing the saturation by 10% instead.


 79.7896, 82.6407,
72.0675

 79.7896, 82.6407,
72.0675


482.9708,
503.7883, 486.7604

 59.8531, 61.8938,
52.7266


132.0220,
137.0721, 123.8611

 43.5492, 44.9469,
37.1984


165.0485,
171.5254, 157.1509

 30.5127, 31.4156,
25.0641


203.1692,
211.3163, 195.9275

 20.3781, 20.9155,
15.9054

246.7492,
256.8292, 240.6094

 12.7800, 13.0623,
9.3036

296.1541,
308.4484, 291.6150

 7.3532, 7.4714,
4.8402

351.7491,

 3.7322, 3.7586,

366.5584, 349.3631

2.0967

413.8995,
431.5436, 414.2720

■ 1.5518, 1.5395,
0.6138

■ 0.3607, 0.3163,
0.0000

■ 79.7896, 82.6407,
72.0675

■ 79.7896, 82.6407,
72.0675

■ 73.9418, 75.5155,
56.0271

■ 86.3204, 90.3533,
90.7337

■ 68.7444, 68.9507,
42.4872

■ 92.9010, 98.3970,
108.7038

■ 64.1716, 62.9329,
31.3199

■ 93.2346, 99.0641,
108.8150

■ 60.1930, 57.4442,
22.3837

■ 56.7753, 52.4650,
15.5222

■ 53.8813, 47.9743,
10.5580

■ 51.4677, 43.9482,
7.2837

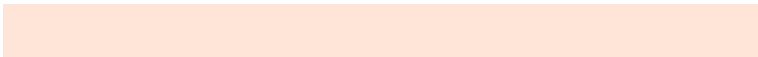
■ 49.4813, 40.3586,
5.4405

■ 48.8429, 39.1606,
4.9845

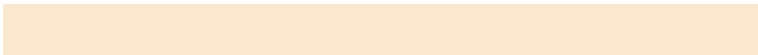
Harmonies

Analogous

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



83.0631, 82.6407, 75.8837



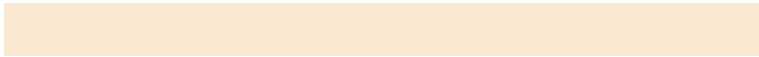
79.7896, 82.6407, 72.0675



76.2781, 82.6407, 72.7686

Triad

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



79.7896, 82.6407, 72.0675



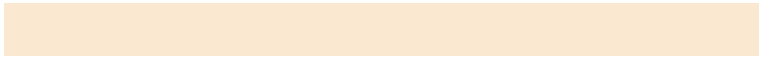
72.2816, 82.6407, 96.7054



83.8680, 82.6407, 103.2798

Complementary

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



79.7896, 82.6407, 72.0675



71.0186, 75.3940, 101.2526

Split Complementary

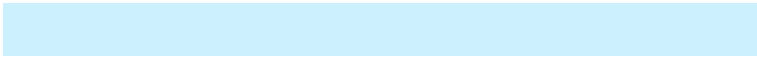
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8614, 82.6407, 109.7153



79.7896, 82.6407, 72.0675



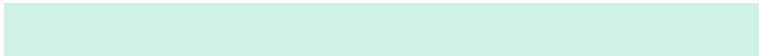
74.1986, 82.6407, 105.7259

Square

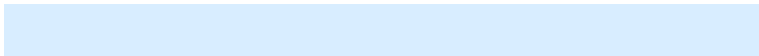
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7896, 82.6407, 72.0675



72.0142, 82.6407, 86.4892



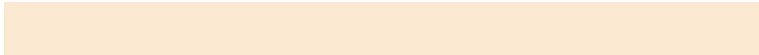
77.3184, 82.6407, 110.6427



85.4644, 82.6407, 93.5669

Rectangle

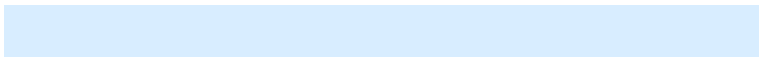
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7896, 82.6407, 72.0675



74.2714, 82.6407, 75.7216



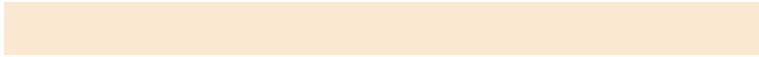
77.3184, 82.6407, 110.6427



82.9846, 82.6407, 105.9283

Sweetspot

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



79.7918, 82.6444, 72.0693



91.3053, 95.6872, 97.8586



76.1531, 71.4970, 82.7867



19.4336, 20.3540, 20.6261



0.0000, 0.0000, 0.0000



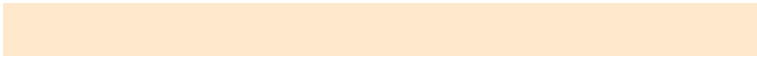
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7918, 82.6444, 72.0693



81.1694, 83.6802, 69.0006



84.3887, 92.9227, 73.8109



18.0526, 18.8410, 18.1476



26.0535, 21.0636, 2.6925



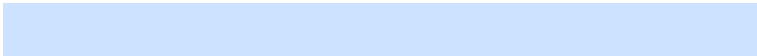
2.5186, 2.1620, 0.2846

Inverse Universe

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



71.0186, 75.3940, 101.2526



70.2528, 74.6592, 105.3157



66.9352, 66.3605, 99.7241



16.9099, 17.8966, 21.9484



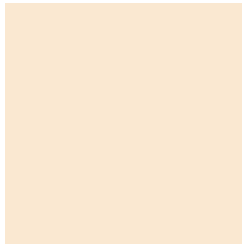
12.2324, 9.8203, 49.2243



1.2365, 1.1166, 4.5935

Previews

White Background



This preview shows how the XYZ color 79.7896, 82.6407, 72.0675 looks on a white background.

Color Contrast Check

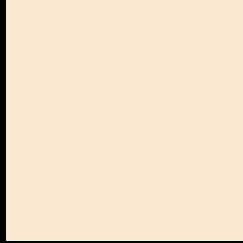
Large Text (above 18pt) WCAG AA × Fail

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 79.7896, 82.6407, 72.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

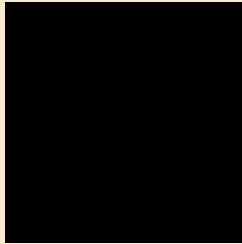
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7896, 82.6407, 72.0675

Background



This preview shows how black text looks on a background with the XYZ color 79.7896, 82.6407, 72.0675.



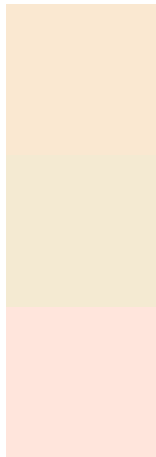
This preview shows how white text looks on a background with the XYZ color 79.7896, 82.6407,

72.0675.

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

79.7896, 82.6407, 72.0675

Protanopia

78.3639, 82.7319, 72.8114

Deuteranopia

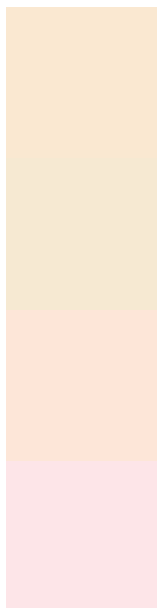
82.1776, 82.4659, 79.2964



Tritanopia

85.1905, 82.7907, 97.8764

Trichromacy



Original Color

79.7896, 82.6407, 72.0675

Protanomaly

78.7778, 82.5238, 72.7494

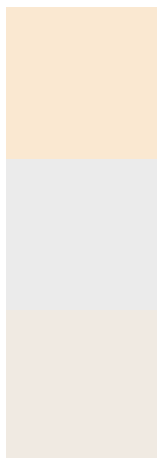
Deuteranomaly

81.1995, 82.4341, 76.5975

Tritanomaly

83.0928, 82.7475, 87.9363

Monochromacy



Original Color

79.7896, 82.6407, 72.0675

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.0855, 82.8619, 83.7772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7896, 82.6407, 72.0675 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(250, 232, 209) looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 209)  
}
```

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(250, 232, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 209) }
```

Border

The CSS property to change the border of an element to XYZ 79.7896, 82.6407, 72.0675 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(250, 232, 209) }
```


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

```
.border{ border-color:rgb(250, 232, 209) }
```

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

Here you see how a box with a 4 pixel rgb(250, 232, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7896, 82.6407, 72.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 209) }
```

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

```
.background{ background-color: rgb(250,  
232, 209) }
```

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