

Converting Colors

XYZ(79.5027, 82.3078, 72.4897)

Have a look what the booklet for
XYZ(79.5027, 82.3078, 72.4897)
contains.

XYZ(79.5564, 82.5061, 72.7050) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(79.5564, 82.5061,
72.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E8D2
RGB	249, 232, 210
RGB Percent	98%, 91%, 82%
CMY	0.0235, 0.0902, 0.1765
CMYK	0.00, 0.07, 0.16, 0.02
HSL	34°, 76%, 90%
HSV	34°, 16%, 98%
XYZ	79.5564, 82.5061, 72.7050
YIQ	234.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

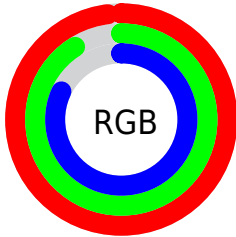
Format	Color
R _Y B	240, 249, 210
Decimal	16378066
CIE Lab	92.80, 2.26, 12.77
CIE LCh	93, 12.971, 79.987
Yxy	82.5061, 0.3389, 0.3514
Android (android.graphics.Color)	4294568146 (0xFFF9E8D2)
YUV	234.5750, -12.1155, 12.6507
Hunter-Lab	90.8329, -2.6174, 16.1257

Details

The XYZ color **79.5564, 82.5061, 72.7050** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.1460, 75.4778, 100.4421**, and the grayscale version is **78.7244, 82.8242, 90.1956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2643, 44.6574, 37.7920** is the 20% darker color. If you saturate the color by 10%, you get **73.7324, 75.4419, 56.6309**, and if you desaturate by 10%, it is **86.0562, 90.1479, 91.3876**.

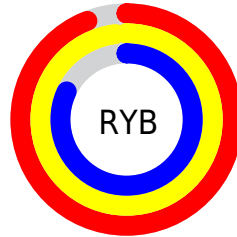
Distribution



Red (98%)

Green (91%)

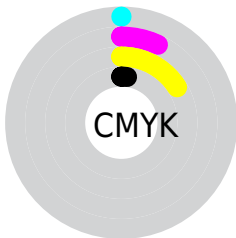
Blue (82%)



Red (94%)

Yellow (98%)

Blue (82%)

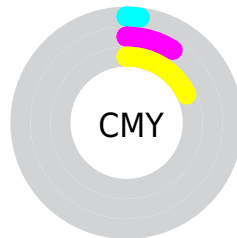


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (2%)



Cyan (2%)

Magenta (9%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5564, 82.5061, 72.7050 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 79.5564, 82.5061, 72.7050 by changing the saturation by 10% instead.

79.5564, 82.5061,
72.7050

79.5564, 82.5061,
72.7050

482.1959,
503.3390, 489.0351

59.6606, 61.7828,
53.2444

131.6957,
136.8835, 124.7754

43.3935, 44.8572,
37.6089

164.6699,
171.3064, 158.2222

30.3899, 31.3450,
25.3798

202.7342,
211.0646, 197.1683

20.2842, 20.8617,
16.1386

246.2541,
256.5425, 242.0320

12.7113, 13.0229,
9.4669

295.5948,
308.1245, 293.2321

7.3057, 7.4443,
4.9460

351.1218,

3.7020, 3.7415,

366.1950, 351.1869

2.1574

413.2004,
431.1383, 416.3150

■ 1.5350, 1.5300,
0.6496

■ 0.3494, 0.3097,
0.0000

■ 79.5564, 82.5061,
72.7050

■ 79.5564, 82.5061,
72.7050

■ 73.7324, 75.4419,
56.6309

■ 86.0562, 90.1479,
91.3876

■ 68.5519, 68.9287,
43.0418

■ 92.4663, 98.0581,
108.6614

■ 63.9896, 62.9536,
31.8118

■ 92.8772, 98.8799,
108.7983

■ 60.0159, 57.4990,
22.8020

■ 56.5980, 52.5459,
15.8585

■ 53.6994, 48.0738,
10.8077

■ 51.2780, 44.0593,
7.4469

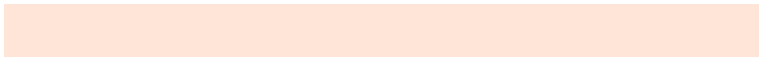
■ 49.2824, 40.4754,
5.5257

■ 48.5175, 39.0404,
4.9784

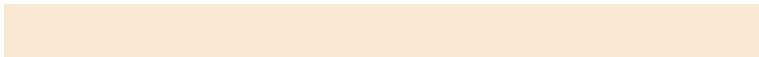
Harmonies

Analogous

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



82.6781, 82.5061, 76.3050



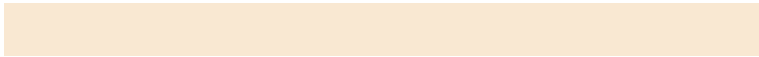
79.5564, 82.5061, 72.7050



76.2165, 82.5061, 73.4357

Triad

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



79.5564, 82.5061, 72.7050



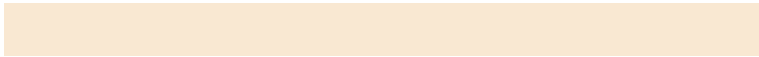
72.4622, 82.5061, 96.3564



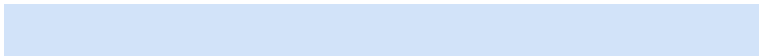
83.5095, 82.5061, 102.3575

Complementary

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



79.5564, 82.5061, 72.7050



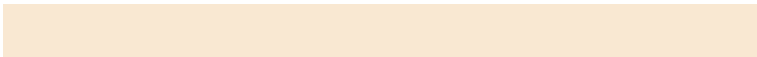
71.1460, 75.4778, 100.4421

Split Complementary

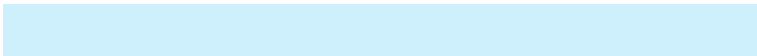
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6647, 82.5061, 108.5106



79.5564, 82.5061, 72.7050



74.3098, 82.5061, 104.8770

Square

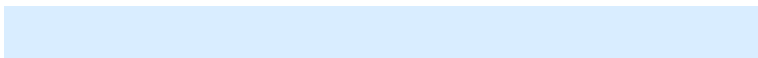
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5564, 82.5061, 72.7050



72.1848, 82.5061, 86.6337



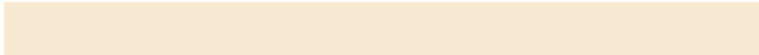
77.2936, 82.5061, 109.4644



85.0034, 82.5061, 93.1144

Rectangle

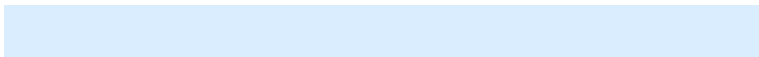
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.5564, 82.5061, 72.7050



74.3121, 82.5061, 76.3001



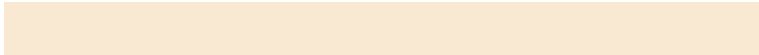
77.2936, 82.5061, 109.4644



82.6757, 82.5061, 104.8831

Sweetspot

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



79.5586, 82.5098, 72.7068



91.3176, 95.7119, 97.8627



76.0556, 71.8105, 82.9249



19.4366, 20.3600, 20.6271



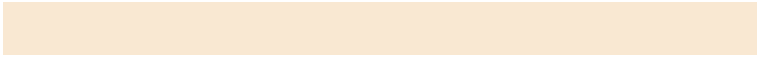
0.0000, 0.0000, 0.0000



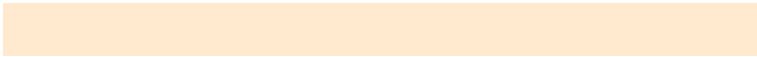
20.3446, 21.4041, 23.3091

Same Dimension

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



79.5586, 82.5098, 72.7068



81.8381, 84.5242, 70.7449



83.8847, 92.1885, 74.3469



18.0573, 18.8504, 18.1492



26.1145, 21.1856, 2.7128



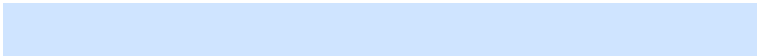
2.5241, 2.1731, 0.2864

Inverse Universe

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



71.1460, 75.4778, 100.4421



71.3074, 75.7224, 105.4653



67.2835, 66.9236, 98.9945



16.9053, 17.8874, 21.9469



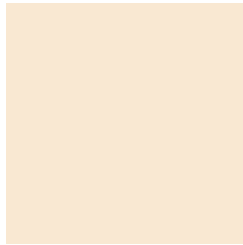
12.1875, 9.7305, 49.2094



1.2321, 1.1079, 4.5921

Previews

White Background



This preview shows how the XYZ color 79.5564, 82.5061, 72.7050 looks on a white background.

Color Contrast Check

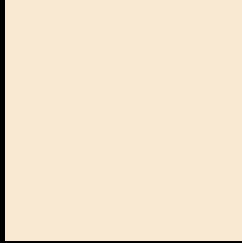
Large Text (above 18pt) WCAG AA × Fail

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 79.5564, 82.5061, 72.7050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

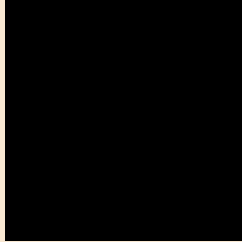
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5564, 82.5061, 72.7050

Background



This preview shows how black text looks on a background with the XYZ color 79.5564, 82.5061, 72.7050.



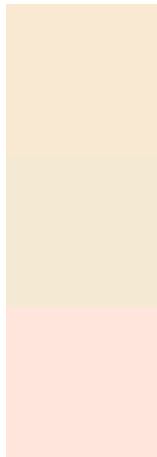
This preview shows how white text looks on a background with the XYZ color 79.5564, 82.5061,

72.7050.

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

79.5564, 82.5061, 72.7050

Protanopia

78.4889, 82.7819, 73.4697

Deuteranopia

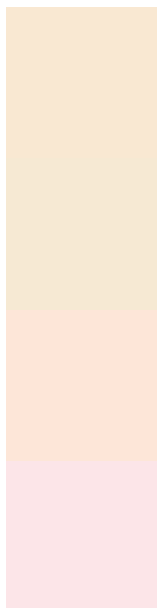
82.1776, 82.4659, 79.2964



Tritanopia

84.8236, 82.6016, 97.8592

Trichromacy



Original Color

79.5564, 82.5061, 72.7050

Protanomaly

78.9028, 82.5738, 73.4077

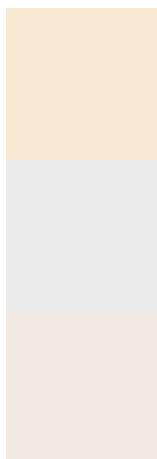
Deuteranomaly

81.1995, 82.4341, 76.5975

Tritanomaly

82.7297, 82.5603, 87.9193

Monochromacy



Original Color

79.5564, 82.5061, 72.7050

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 79.5564, 82.5061, 72.7050 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(249, 232, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 210)  
}
```

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(249, 232, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.5564, 82.5061, 72.7050 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(249, 232, 210) }
```


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

```
.border{ border-color:rgb(249, 232, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 232, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5564, 82.5061, 72.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 210) }
```

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

```
.background{ background-color: rgb(249,  
232, 210) }
```

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