

Converting Colors

XYZ(78.8996, 80.8770, 72.1811)

Have a look what the booklet for
XYZ(78.8996, 80.8770, 72.1811)
contains.

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Color

**XYZ(79.0765, 81.0158,
72.4426)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5D2
RGB	250, 229, 210
RGB Percent	98%, 90%, 82%
CMY	0.0196, 0.1019, 0.1765
CMYK	0.00, 0.08, 0.16, 0.02
HSL	29°, 80%, 90%
HSV	29°, 16%, 98%
XYZ	79.0765, 81.0158, 72.4426
YIQ	233.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

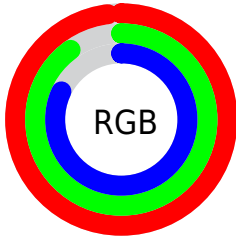
Format	Color
R _Y B	250, 246, 210
Decimal	16442834
CIE Lab	92.14, 4.15, 11.85
CIE LCh	92, 12.552, 70.710
Yxy	81.0158, 0.3401, 0.3484
Android (android.graphics.Color)	4294632914 (0xFFFAE5D2)
YUV	233.1130, -11.3947, 14.8099
Hunter-Lab	90.0088, -0.6956, 15.2872

Details

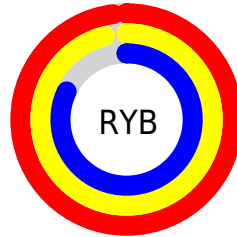
The XYZ color **79.0765, 81.0158, 72.4426** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.4091, 77.7538, 101.6347**, and the grayscale version is **77.6123, 81.6542, 88.9215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1291, 44.0099, 37.6741** is the 20% darker color. If you saturate the color by 10%, you get **72.7080, 72.8794, 56.1349**, and if you desaturate by 10%, it is **86.2105, 89.9030, 91.4079**.

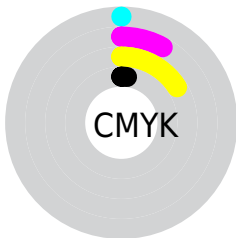
Distribution



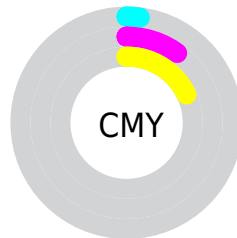
- Red (98%)
- Green (90%)
- Blue (82%)



- Red (98%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0765, 81.0158, 72.4426 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 79.0765, 81.0158, 72.4426 by changing the saturation by 10% instead.


 79.0765, 81.0158,
72.4426

 79.0765, 81.0158,
72.4426


480.5992,
498.3496, 488.0996

 59.2646, 60.5546,
53.0313


131.0239,
134.7930, 124.3992

 43.0733, 43.8658,
37.4398


163.8901,
168.8777, 157.7814

 30.1374, 30.5650,
25.2498


201.8384,
208.2724, 196.6578

 20.0915, 20.2679,
16.0425

245.2342,
253.3615, 241.4468

 12.5702, 12.5899,
9.3996

294.4428,
304.5294, 292.5669

 7.2082, 7.1468,
4.9024

349.8296,

 3.6401, 3.5541,

362.1605, 350.4367

2.1323

411.7599,
426.6390, 415.4747

■ 1.5006, 1.4274,
0.6349

■ 0.3263, 0.2368,
0.0000

■ 79.0765, 81.0158,
72.4426

■ 79.0765, 81.0158,
72.4426

■ 72.7080, 72.8794,
56.1349

■ 86.2105, 89.9030,
91.4079

■ 67.0697, 65.4620,
42.3589

■ 93.2346, 99.0641,
108.8150

■ 62.1335, 58.7448,
30.9863

■ 57.8663, 52.7043,
21.8753

■ 54.2321, 47.3155,
14.8691

■ 51.1905, 42.5508,
9.7902

■ 48.6954, 38.3802,
6.4318

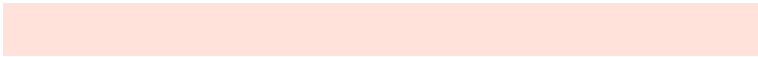
■ 46.6909, 34.7691,
4.5374

■ 45.9954, 33.4658,
4.0353

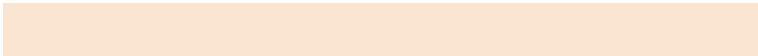
Harmonies

Analogous

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



81.8155, 81.0158, 77.0952



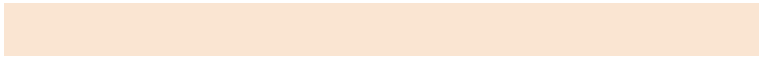
79.0765, 81.0158, 72.4426



75.8528, 81.0158, 71.8393

Triad

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



79.0765, 81.0158, 72.4426



71.0509, 81.0158, 91.5648



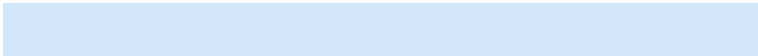
81.1322, 81.0158, 102.4183

Complementary

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



79.0765, 81.0158, 72.4426



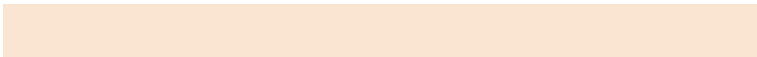
72.4091, 77.7538, 101.6347

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.



78.1649, 81.0158, 106.9016



79.0765, 81.0158, 72.4426



72.3832, 81.0158, 100.3502

Square

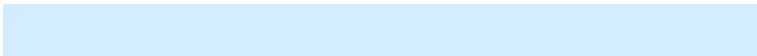
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0765, 81.0158, 72.4426



71.2795, 81.0158, 82.4568



74.9662, 81.0158, 106.1193



83.0252, 81.0158, 94.2299

Rectangle

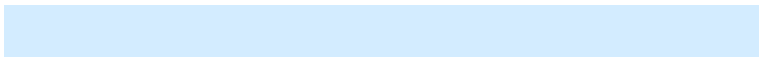
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0765, 81.0158, 72.4426



73.8697, 81.0158, 73.7644



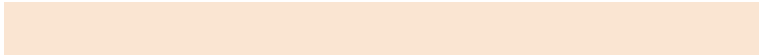
74.9662, 81.0158, 106.1193



80.2239, 81.0158, 104.4337

Sweetspot

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



79.0787, 81.0194, 72.4443



90.9667, 95.0101, 97.7457



76.9427, 72.2066, 85.7312



19.3514, 20.1894, 20.5986



0.0000, 0.0000, 0.0000



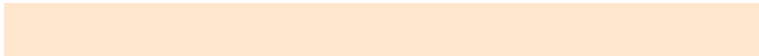
20.3446, 21.4041, 23.3091

Same Dimension

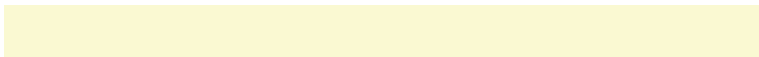
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0787, 81.0194, 72.4443



80.6248, 82.0975, 70.3405



84.8306, 92.5233, 74.3616



17.9248, 18.5855, 18.1050



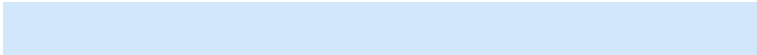
24.5391, 18.0349, 2.1877



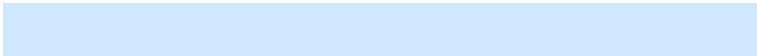
2.3781, 1.8810, 0.2377

Inverse Universe

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



72.4091, 77.7538, 101.6347



72.5076, 78.1228, 105.8654



67.2119, 67.3592, 99.9022



17.0370, 18.1509, 21.9908



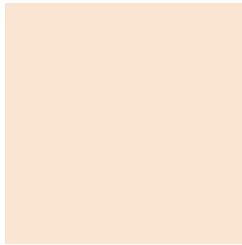
13.6188, 12.5931, 49.6865



1.3675, 1.3787, 4.6372

Previews

White Background



This preview shows how the XYZ color 79.0765, 81.0158, 72.4426 looks on a white background.

Color Contrast Check

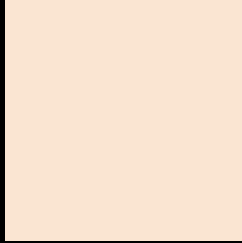
Large Text (above 18pt) WCAG AA × Fail

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 79.0765, 81.0158, 72.4426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

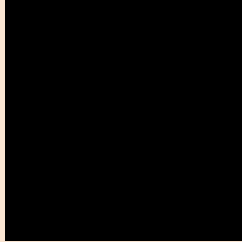
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0765, 81.0158, 72.4426

Background



This preview shows how black text looks on a background with the XYZ color 79.0765, 81.0158, 72.4426.



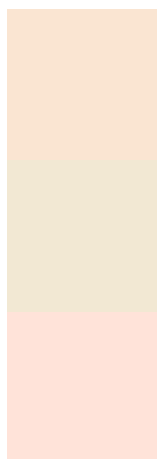
This preview shows how white text looks on a background with the XYZ color 79.0765, 81.0158,

72.4426.

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

79.0765, 81.0158, 72.4426

Protanopia

77.2324, 81.2936, 73.2487

Deuteranopia

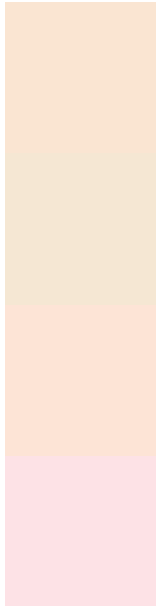
81.2335, 81.2079, 77.0389



Tritanopia

83.5557, 80.7929, 95.1951

Trichromacy



Original Color

79.0765, 81.0158, 72.4426

Protanomaly

77.9900, 81.2675, 73.2037

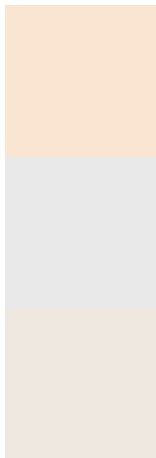
Deuteranomaly

80.3890, 81.2245, 75.0593

Tritanomaly

81.9873, 80.9885, 86.1741

Monochromacy



Original Color

79.0765, 81.0158, 72.4426

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0438, 81.5002, 82.8519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0765, 81.0158, 72.4426 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, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 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(250, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 210) }
```

Border

The CSS property to change the border of an element to XYZ 79.0765, 81.0158, 72.4426 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, 229, 210) }
```


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

```
.border{ border-color:rgb(250, 229, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0765, 81.0158, 72.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 210) }
```

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

```
.background{ background-color: rgb(250,  
229, 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](#).

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