

Converting Colors

XYZ(81.4928, 82.5095, 80.0374)

Have a look what the booklet for
XYZ(81.4928, 82.5095, 80.0374)
contains.

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Color

**XYZ(81.4928, 82.5095,
80.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE6DD
RGB	252, 230, 221
RGB Percent	99%, 90%, 87%
CMY	0.0118, 0.0980, 0.1333
CMYK	0.00, 0.09, 0.12, 0.01
HSL	17°, 84%, 93%
HSV	17°, 12%, 99%
XYZ	81.4928, 82.5095, 80.0374
YIQ	235.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

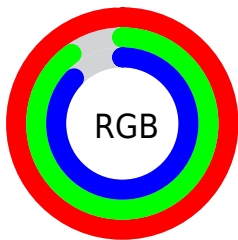
Format	Color
R _Y B	252, 234, 221
Decimal	16574173
CIE Lab	92.80, 6.04, 7.09
CIE LCh	93, 9.312, 49.551
Yxy	82.5095, 0.3339, 0.3381
Android (android.graphics.Color)	4294764253 (0xFFFC E6DD)
YUV	235.5520, -7.1741, 14.4249
Hunter-Lab	90.8347, 1.1813, 11.3420

Details

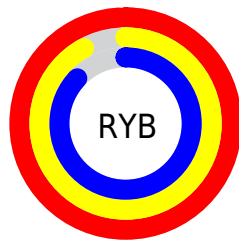
The XYZ color **81.4928, 82.5095, 80.0374** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4397, 86.4998, 104.6054**, and the grayscale version is **79.4328, 83.5695, 91.0071**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7186, 45.0152, 42.4083** is the 20% darker color. If you saturate the color by 10%, you get **73.6614, 71.8220, 62.0869**, and if you desaturate by 10%, it is **90.3432, 94.4267, 100.8158**.

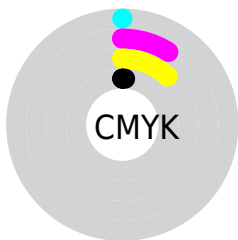
Distribution



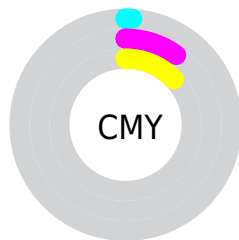
- Red (99%)
- Green (90%)
- Blue (87%)



- Red (99%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4928, 82.5095, 80.0374 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 81.4928, 82.5095, 80.0374 by changing the saturation by 10% instead.


 81.4928, 82.5095,
80.0374

 81.4928, 82.5095,
80.0374


488.6098,
503.3504, 514.7690

 61.2602, 61.7856,
59.2228

134.4020,
136.8883, 135.2302

 44.6886, 44.8595,
42.3713


167.8094,
171.3119, 170.4454

 31.4124, 31.3468,
29.0644


206.3391,
211.0709, 211.2980

 21.0665, 20.8630,
18.8835

250.3565,
256.5497, 258.2063

 13.2853, 13.0239,
11.4102

300.2269,
308.1326, 311.5891

 7.7037, 7.4450,
6.2258

356.3157,

 3.9561, 3.7419,

366.2041, 371.8647

2.9119

418.9882,
431.1486, 439.4519

■ 1.6773, 1.5303,
1.0498

■ 0.4420, 0.3099,
0.0000

■ 81.4928, 82.5095,
80.0374

■ 81.4928, 82.5095,
80.0374

■ 73.6614, 71.8220,
62.0869

■ 90.3432, 94.4267,
100.8158

■ 66.8045, 62.3137,
46.8360

■ 93.9552, 99.4356,
108.8488

■ 60.8842, 53.9465,
34.1544

■ 55.8574, 46.6762,
23.8988

■ 51.6776, 40.4554,
15.9117

■ 48.2933, 35.2331,
10.0168

■ 45.6470, 30.9536,
6.0113

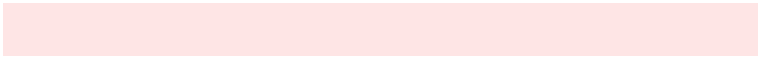
■ 43.6715, 27.5547,
3.6510

■ 42.5408, 25.4869,
2.6773

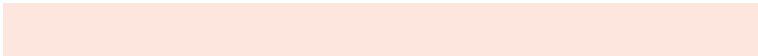
Harmonies

Analogous

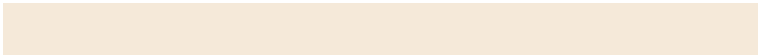
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9079, 82.5095, 85.4356



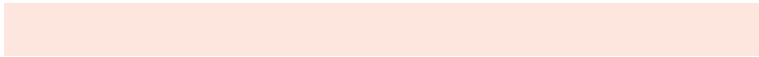
81.4928, 82.5095, 80.0374



79.2731, 82.5095, 77.3135

Triad

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



81.4928, 82.5095, 80.0374



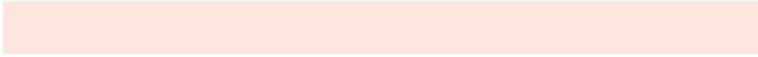
73.9178, 82.5095, 87.4341



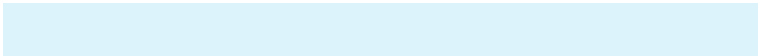
79.9965, 82.5095, 103.0454

Complementary

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



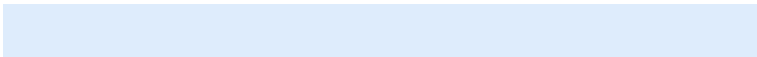
81.4928, 82.5095, 80.0374



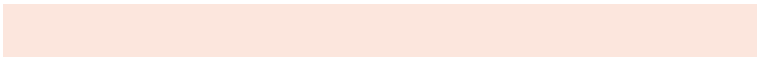
79.4397, 86.4998, 104.6054

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.



77.5786, 82.5095, 103.6487



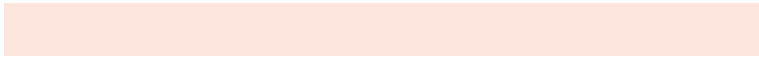
81.4928, 82.5095, 80.0374



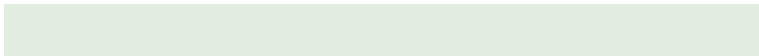
74.1024, 82.5095, 94.3908

Square

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



81.4928, 82.5095, 80.0374



74.9213, 82.5095, 81.4354



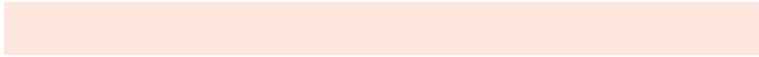
75.4309, 82.5095, 100.4094



82.0318, 82.5095, 98.8013

Rectangle

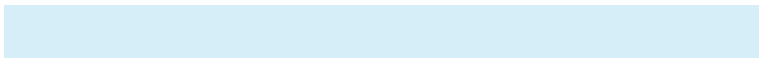
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4928, 82.5095, 80.0374



77.6502, 82.5095, 77.2806



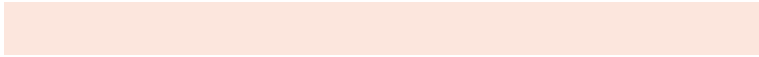
75.4309, 82.5095, 100.4094



79.2005, 82.5095, 103.6888

Sweetspot

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



81.4951, 82.5132, 80.0392



91.1854, 94.8294, 99.7241



82.2127, 78.8936, 95.8615



19.3660, 20.0942, 20.9872



0.0000, 0.0000, 0.0000



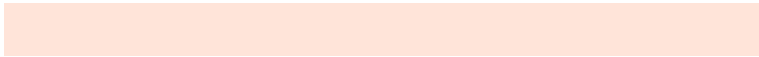
20.3446, 21.4041, 23.3091

Same Dimension

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



81.4951, 82.5132, 80.0392



81.4369, 81.6668, 76.9464



85.9351, 91.3932, 81.5192



17.6553, 18.0465, 18.0152



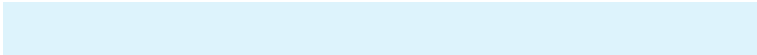
22.2692, 13.4950, 1.4311



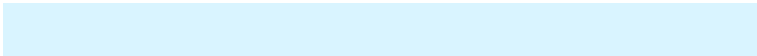
2.1495, 1.4239, 0.1615

Inverse Universe

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



79.4397, 86.4998, 104.6054



78.9084, 86.5683, 107.1582



75.0561, 77.7326, 103.1442



17.3150, 18.7069, 22.0835



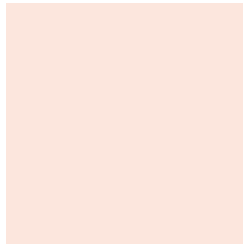
17.6624, 20.6804, 51.0344



1.7270, 2.0978, 4.7571

Previews

White Background



This preview shows how the XYZ color 81.4928, 82.5095, 80.0374 looks on a white background.

Color Contrast Check

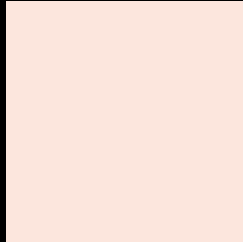
Large Text (above 18pt) WCAG AA × Fail

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 81.4928, 82.5095, 80.0374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

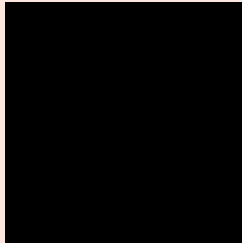
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4928, 82.5095, 80.0374

Background



This preview shows how black text looks on a background with the XYZ color 81.4928, 82.5095, 80.0374.



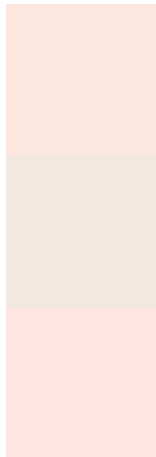
This preview shows how white text looks on a background with the XYZ color 81.4928, 82.5095,

80.0374.

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

81.4928, 82.5095, 80.0374

Protanopia

78.7338, 82.3063, 81.5490

Deuteranopia

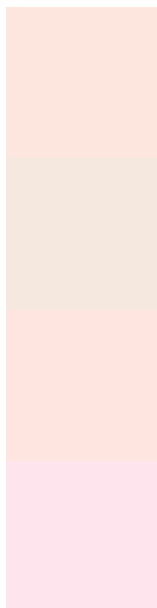
82.8499, 82.7349, 82.8369



Tritanopia

85.0382, 82.7298, 97.0744

Trichromacy



Original Color

81.4928, 82.5095, 80.0374

Protanomaly

79.6976, 82.3996, 80.8114

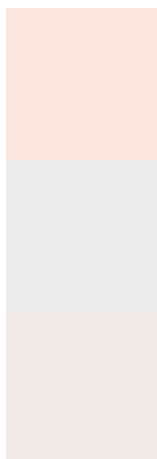
Deuteranomaly

82.3469, 82.4913, 82.1033

Tritanomaly

83.7568, 82.6138, 90.8885

Monochromacy



Original Color

81.4928, 82.5095, 80.0374

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.4646, 83.4924, 87.4760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4928, 82.5095, 80.0374 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(252, 230, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 230, 221)  
}
```

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(252, 230, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 230, 221) }
```

Border

The CSS property to change the border of an element to XYZ 81.4928, 82.5095, 80.0374 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(252, 230, 221) }
```


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

```
.border{ border-color:rgb(252, 230, 221) }
```

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

Here you see how a box with a 4 pixel rgb(252, 230, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 230, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 230, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 230,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4928, 82.5095, 80.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 230, 221) }
```

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

```
.background{ background-color: rgb(252,  
230, 221) }
```

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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