

Converting Colors

XYZ(95.0114, 89.6573, 76.7559)

Have a look what the booklet for
XYZ(95.0114, 89.6573, 76.7559)
contains.

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Color

**XYZ(81.8026, 82.7599,
75.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D7
RGB	255, 230, 215
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.0980, 0.1569
CMYK	0.00, 0.10, 0.16, 0.00
HSL	23°, 100%, 92%
HSV	23°, 16%, 100%
XYZ	81.8026, 82.7599, 75.9528
YIQ	235.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

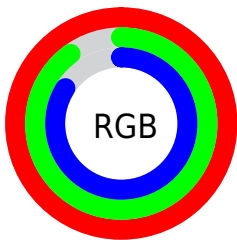
Format	Color
R _Y B	255, 239, 215
Decimal	16770775
CIE Lab	92.91, 6.17, 10.40
CIE LCh	93, 12.092, 59.327
Yxy	82.7599, 0.3401, 0.3441
Android (android.graphics.Color)	4294960855 (0xFFFFE6D7)
YUV	235.7650, -10.2371, 16.8691
Hunter-Lab	90.9725, 1.3057, 14.1796

Details

The XYZ color **81.8026, 82.7599, 75.9528** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2337, 83.9850, 106.7478**, and the grayscale version is **79.6160, 83.7622, 91.2171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9638, 45.2038, 39.6131** is the 20% darker color. If you saturate the color by 10%, you get **74.5446, 73.0854, 58.6081**, and if you desaturate by 10%, it is **89.9805, 93.4564, 96.1258**.

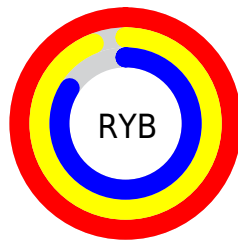
Distribution



Red (100%)

Green (90%)

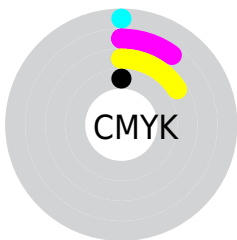
Blue (84%)



Red (100%)

Yellow (94%)

Blue (84%)

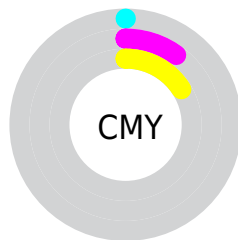


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8026, 82.7599, 75.9528 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 81.8026, 82.7599, 75.9528 by changing the saturation by 10% instead.


 81.8026, 82.7599,
75.9528

 81.8026, 82.7599,
75.9528

489.6317,
504.1860, 500.5286

 61.5164, 61.9921,
55.8874


134.8344,
137.2391, 129.4197

 44.8962, 45.0263,
39.7092


168.3107,
171.7194, 163.6582

 31.5766, 31.4782,
26.9999

206.9144,
211.5392, 203.4582

 21.1923, 20.9632,
17.3407

251.0109,
257.0830, 249.2381

 13.3779, 13.0971,
10.3132

300.9655,
308.7352, 301.4166

 7.7681, 7.4955,
5.4988

357.1436,

 3.9974, 3.7738,

366.8801, 360.4122

2.4790

419.9106,
431.9023, 426.6433

■ 1.7007, 1.5479,
0.8290

■ 0.4567, 0.3221,
0.0000

■ 81.8026, 82.7599,
75.9528

■ 81.8026, 82.7599,
75.9528

■ 74.5446, 73.0854,
58.6081

■ 89.9805, 93.4564,
96.1258

■ 68.1665, 64.3914,
43.9588

95.0500, 100.0000,
108.9000

■ 62.6334, 56.6487,
31.8688

■ 57.9059, 49.8226,
22.1880

■ 53.9407, 43.8759,
14.7506

■ 50.6901, 38.7688,
9.3692

■ 48.0996, 34.4573,
5.8253

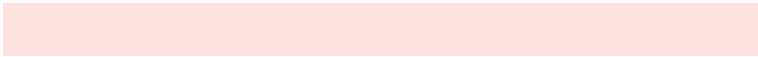
■ 46.1042, 30.8917,
3.8494

■ 45.3916, 29.5632,
3.3139

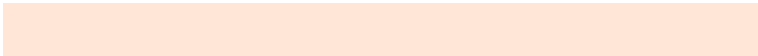
Harmonies

Analogous

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



84.0801, 82.7599, 81.8512



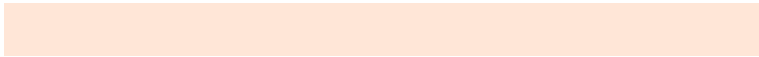
81.8026, 82.7599, 75.9528



78.7323, 82.7599, 73.8012

Triad

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



81.8026, 82.7599, 75.9528



72.7380, 82.7599, 89.9070



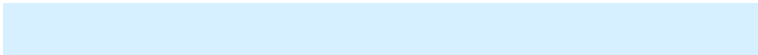
81.6757, 82.7599, 106.1567

Complementary

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



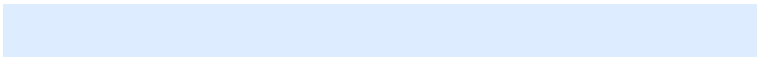
81.8026, 82.7599, 75.9528



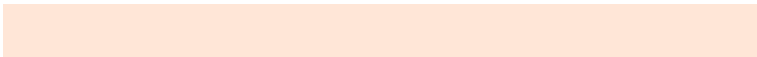
77.2337, 83.9850, 106.7478

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.



78.5894, 82.7599, 108.6634



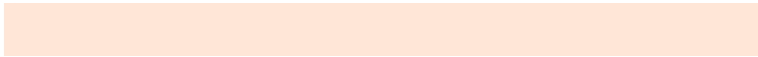
81.8026, 82.7599, 75.9528



73.4795, 82.7599, 98.9095

Square

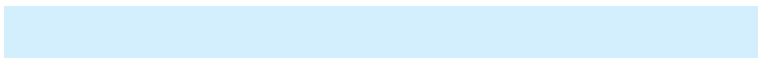
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8026, 82.7599, 75.9528



73.5478, 82.7599, 81.5193



75.6005, 82.7599, 105.9287



84.0055, 82.7599, 99.2871

Rectangle

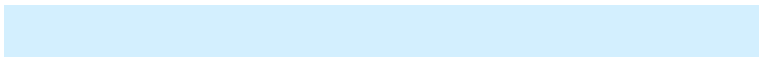
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.8026, 82.7599, 75.9528



76.6662, 82.7599, 74.6623



75.6005, 82.7599, 105.9287



80.6897, 82.7599, 107.5571

Sweetspot

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



81.8045, 82.7634, 75.9545



90.5754, 94.2275, 97.6153



81.3187, 76.1729, 93.1153



19.2564, 19.9994, 20.5670



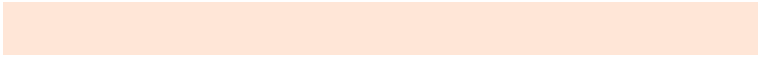
0.0000, 0.0000, 0.0000



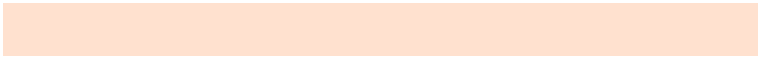
20.3446, 21.4041, 23.3091

Same Dimension

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



81.8045, 82.7634, 75.9545



79.2984, 79.4447, 69.8983



87.5882, 94.3308, 77.8824



18.5676, 19.1034, 18.8530



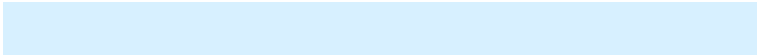
23.8495, 15.7103, 1.7754



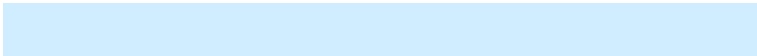
2.4230, 1.7314, 0.2065

Inverse Universe

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



77.2337, 83.9850, 106.7478



73.8902, 80.8879, 106.3262



71.7560, 73.0297, 104.9219



17.9488, 19.2691, 23.0233



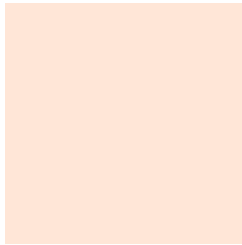
16.0889, 17.0874, 51.8848



1.6716, 1.8739, 5.0869

Previews

White Background



This preview shows how the XYZ color 81.8026, 82.7599, 75.9528 looks on a white background.

Color Contrast Check

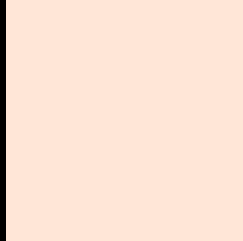
Large Text (above 18pt) WCAG AA × Fail

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 81.8026, 82.7599, 75.9528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

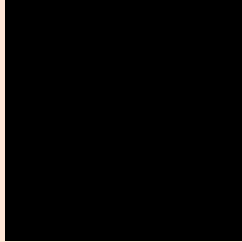
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8026, 82.7599, 75.9528

Background



This preview shows how black text looks on a background with the XYZ color 81.8026, 82.7599, 75.9528.



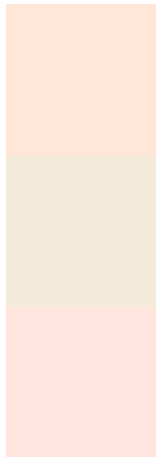
This preview shows how white text looks on a background with the XYZ color 81.8026, 82.7599,

75.9528.

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

81.8026, 82.7599, 75.9528

Protanopia

78.9094, 82.9101, 77.4899

Deuteranopia

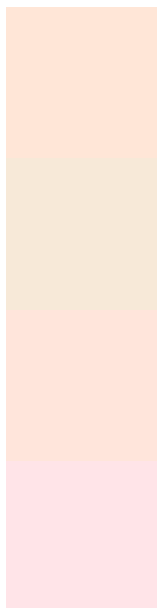
82.4441, 82.5725, 80.7001



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

81.8026, 82.7599, 75.9528

Protanomaly

79.8914, 83.0099, 76.7775

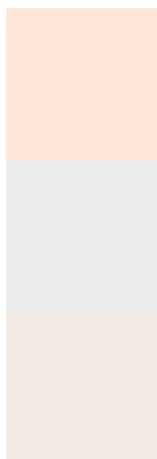
Deuteranomaly

82.0455, 82.4131, 78.6009

Tritanomaly

83.5489, 82.5730, 87.8786

Monochromacy



Original Color

81.8026, 82.7599, 75.9528

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3886, 83.5018, 85.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8026, 82.7599, 75.9528 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(255, 230, 215) looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 215)  
}
```

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(255, 230, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 215) }
```

Border

The CSS property to change the border of an element to XYZ 81.8026, 82.7599, 75.9528 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(255, 230, 215) }
```


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

```
.border{ border-color:rgb(255, 230, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8026, 82.7599, 75.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 215) }
```

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

```
.background{ background-color: rgb(255,  
230, 215) }
```

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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