

Converting Colors

XYZ(81.2877, 81.9557, 75.0858)

Have a look what the booklet for
XYZ(81.2877, 81.9557, 75.0858)
contains.

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Color

**XYZ(81.3969, 82.1537,
75.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5D6
RGB	255, 229, 214
RGB Percent	100%, 90%, 84%
CMY	0.0000, 0.1019, 0.1608
CMYK	0.00, 0.10, 0.16, 0.00
HSL	22°, 100%, 92%
HSV	22°, 16%, 100%
XYZ	81.3969, 82.1537, 75.1855
YIQ	235.0640, 20.3110, 0.8470

Conversions

Conversions Part 2

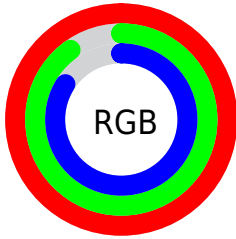
Format	Color
R _Y B	255, 238, 214
Decimal	16770518
CIE Lab	92.64, 6.53, 10.54
CIE LCh	93, 12.399, 58.219
Yxy	82.1537, 0.3409, 0.3441
Android (android.graphics.Color)	4294960598 (0xFFFFE5D6)
YUV	235.0640, -10.3846, 17.4839
Hunter-Lab	90.6387, 1.6819, 14.2656

Details

The XYZ color **81.3969, 82.1537, 75.1855** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9408, 83.8339, 106.7341**, and the grayscale version is **79.0819, 83.2003, 90.6051**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6828, 44.7811, 39.0895** is the 20% darker color. If you saturate the color by 10%, you get **74.1250, 72.4200, 57.9327**, and if you desaturate by 10%, it is **89.5992, 92.9317, 95.2657**.

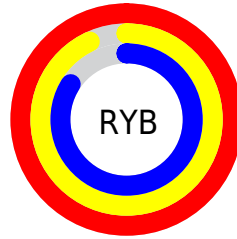
Distribution



Red (100%)

Green (90%)

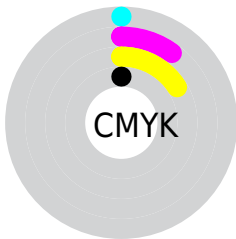
Blue (84%)



Red (100%)

Yellow (93%)

Blue (84%)

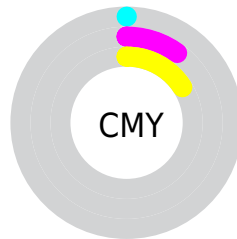


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3969, 82.1537, 75.1855 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 81.3969, 82.1537, 75.1855 by changing the saturation by 10% instead.


 81.3969, 82.1537,
75.1855

 81.3969, 82.1537,
75.1855


488.2932,
502.1617, 497.8273

 61.1809, 61.4922,
55.2622


134.2682,
136.3895, 128.3244

 44.6243, 44.6225,
39.2117


167.6542,
170.7327, 162.3772

 31.3616, 31.1602,
26.6154


206.1610,
210.4052, 201.9768

 21.0275, 20.7209,
17.0547

250.1538,
255.7914, 247.5419

 13.2567, 12.9201,
10.1111

299.9981,
307.2758, 299.4909

 7.6838, 7.3736,
5.3661

356.0592,

 3.9434, 3.6968,

365.2427, 358.2425

2.4012

418.7025,
430.0765, 424.2151

■ 1.6701, 1.5054,
0.7871

■ 0.4375, 0.2926,
0.0000

■ 81.3969, 82.1537,
75.1855

■ 81.3969, 82.1537,
75.1855

■ 74.1250, 72.4200,
57.9327

■ 89.5992, 92.9317,
95.2657

■ 67.7427, 63.6878,
43.3737

95.0500, 100.0000,
108.9000

■ 62.2146, 55.9269,
31.3719

■ 57.5005, 49.1014,
21.7766

■ 53.5564, 43.1728,
14.4209

■ 50.3338, 38.0998,
9.1162

■ 47.7771, 33.8369,
5.6425

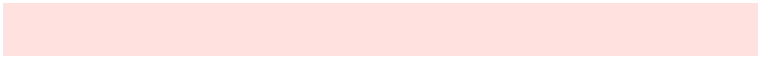
■ 45.8200, 30.3324,
3.7270

■ 45.1829, 29.1459,
3.2443

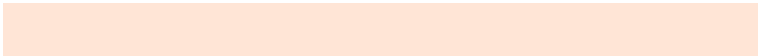
Harmonies

Analogous

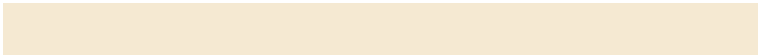
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6782, 82.1537, 81.3124



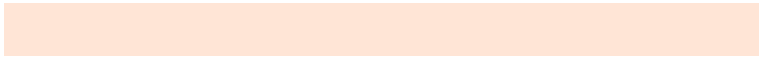
81.3969, 82.1537, 75.1855



78.2775, 82.1537, 72.8460

Triad

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



81.3969, 82.1537, 75.1855



72.0480, 82.1537, 88.9006



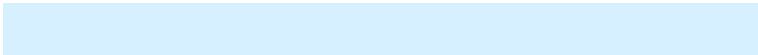
81.0542, 82.1537, 106.0335

Complementary

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



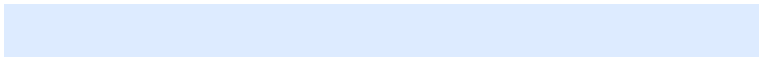
81.3969, 82.1537, 75.1855



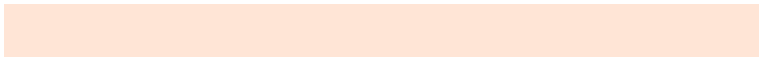
76.9408, 83.8339, 106.7341

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.



77.8921, 82.1537, 108.4061



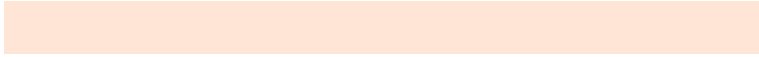
81.3969, 82.1537, 75.1855



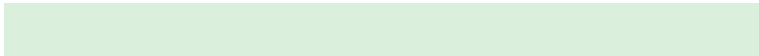
72.7461, 82.1537, 98.1161

Square

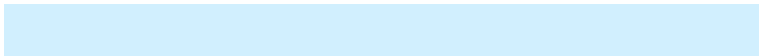
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3969, 82.1537, 75.1855



72.9301, 82.1537, 80.4187



74.8635, 82.1537, 105.4166



83.4765, 82.1537, 99.1364

Rectangle

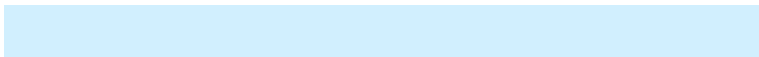
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3969, 82.1537, 75.1855



76.1615, 82.1537, 73.6178



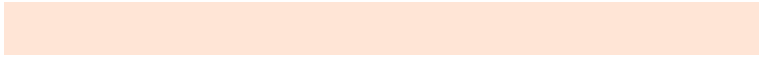
74.8635, 82.1537, 105.4166



80.0399, 82.1537, 107.4067

Sweetspot

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



81.3989, 82.1572, 75.1872



90.5398, 94.1562, 97.6034



81.1120, 75.6840, 93.2791



19.2477, 19.9821, 20.5641



0.0000, 0.0000, 0.0000



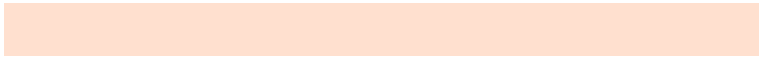
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3989, 82.1572, 75.1872



79.1790, 79.2059, 69.8585



87.2072, 93.7740, 77.1233



18.5537, 19.0755, 18.8484



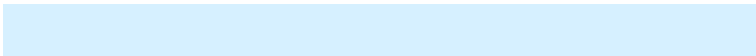
23.7386, 15.4884, 1.7384



2.4111, 1.7077, 0.2025

Inverse Universe

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



76.9408, 83.8339, 106.7341



74.0185, 81.1445, 106.3690



71.4150, 72.7823, 104.8922



17.9632, 19.2980, 23.0281



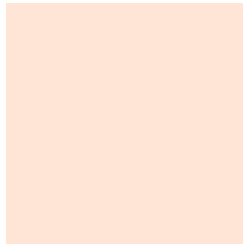
16.3001, 17.5097, 51.9552



1.6913, 1.9133, 5.0934

Previews

White Background



This preview shows how the XYZ color 81.3969, 82.1537, 75.1855 looks on a white background.

Color Contrast Check

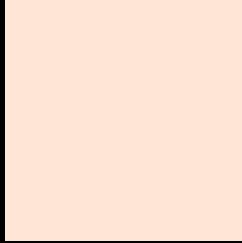
Large Text (above 18pt) WCAG AA × Fail

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 81.3969, 82.1537, 75.1855 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 81.3969, 82.1537, 75.1855

Background



This preview shows how black text looks on a background with the XYZ color 81.3969, 82.1537, 75.1855.



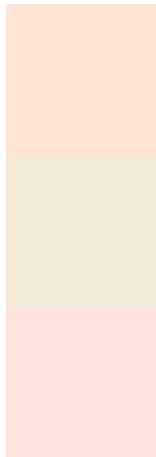
This preview shows how white text looks on a background with the XYZ color 81.3969, 82.1537,

75.1855.

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

81.3969, 82.1537, 75.1855

Protanopia

78.1515, 82.1129, 76.6961

Deuteranopia

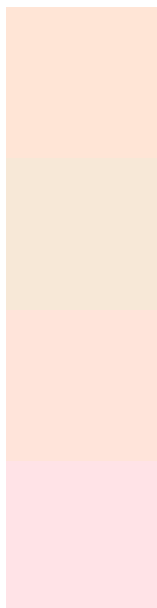
82.0345, 81.9673, 79.9042



Tritanopia

84.3135, 82.0036, 94.6036

Trichromacy



Original Color

81.3969, 82.1537, 75.1855

Protanomaly

79.4801, 82.3937, 76.0045

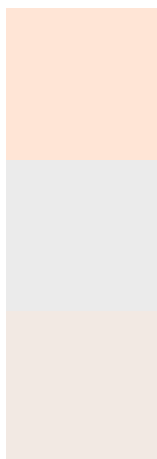
Deuteranomaly

81.6383, 81.8088, 77.8175

Tritanomaly

83.1329, 81.9677, 87.0411

Monochromacy



Original Color

81.3969, 82.1537, 75.1855

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.6220, 82.7011, 84.4394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3969, 82.1537, 75.1855 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, 229, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 214)  
}
```

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, 229, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 214) }
```

Border

The CSS property to change the border of an element to XYZ 81.3969, 82.1537, 75.1855 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, 229, 214) }
```


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

```
.border{ border-color:rgb(255, 229, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3969, 82.1537, 75.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 214) }
```

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

```
.background{ background-color: rgb(255,  
229, 214) }
```

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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