

Converting Colors

XYZ(137.1251, 110.2743,
78.0190)

Have a look what the booklet for
XYZ(137.1251, 110.2743, 78.0190)
contains.

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Color

**XYZ(81.2491, 81.6531,
75.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4D7
RGB	255, 228, 215
RGB Percent	100%, 89%, 84%
CMY	0.0000, 0.1059, 0.1569
CMYK	0.00, 0.11, 0.16, 0.00
HSL	20°, 100%, 92%
HSV	20°, 16%, 100%
XYZ	81.2491, 81.6531, 75.7683
YIQ	234.5910, 20.2650, 1.6810

Conversions

Conversions Part 2

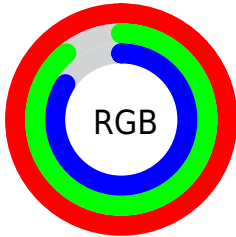
Format	Color
R _Y B	255, 234, 215
Decimal	16770263
CIE Lab	92.42, 7.20, 9.70
CIE LCh	92, 12.080, 53.440
Yxy	81.6531, 0.3404, 0.3421
Android (android.graphics.Color)	4294960343 (0xFFFFE4D7)
YUV	234.5910, -9.6584, 17.8987
Hunter-Lab	90.3621, 2.3646, 13.5390

Details

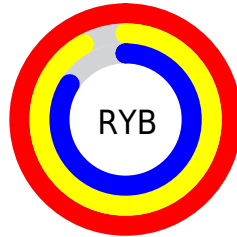
The XYZ color **81.2491, 81.6531, 75.7683** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8256, 85.1689, 106.9451**, and the grayscale version is **78.7167, 82.8161, 90.1867**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5774, 44.4310, 39.4843** is the 20% darker color. If you saturate the color by 10%, you get **73.7237, 71.4437, 58.3345**, and if you desaturate by 10%, it is **89.7605, 93.0164, 96.0524**.

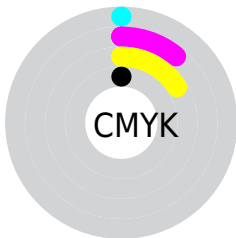
Distribution



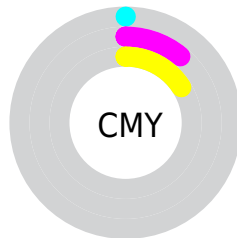
- Red (100%)
- Green (89%)
- Blue (84%)



- Red (100%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2491, 81.6531, 75.7683 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 81.2491, 81.6531, 75.7683 by changing the saturation by 10% instead.

81.2491, 81.6531,
75.7683

81.2491, 81.6531,
75.7683

487.8051,
500.4866, 499.8799

61.0588, 61.0796,
55.7370

134.0618,
135.6874, 129.1564

44.5253, 44.2894,
39.5895

167.4149,
169.9171, 163.3503

31.2834, 30.8981,
26.9073

205.8863,
209.4676, 203.1022

20.9676, 20.5213,
17.2718

249.8413,
254.7233, 248.8306

13.2127, 12.7745,
10.2645

299.6454,
306.0687, 300.9540

7.6532, 7.2735,
5.4668

355.6638,

3.9238, 3.6337,

363.8881, 359.8910

2.4602

418.2619,
428.5659, 426.0601

■ 1.6591, 1.4709,
0.8189

■ 0.4305, 0.2681,
0.0000

■ 81.2491, 81.6531,
75.7683

■ 81.2491, 81.6531,
75.7683

■ 73.7237, 71.4437,
58.3345

■ 89.7605, 93.0164,
96.0524

■ 67.1411, 62.3407,
43.6170

95.0500, 100.0000,
108.9000

■ 61.4635, 54.3089,
31.4788

■ 56.6480, 47.3068,
21.7687

■ 52.6479, 41.2905,
14.3197

■ 49.4116, 36.2120,
8.9430

■ 46.8805, 32.0191,
5.4190

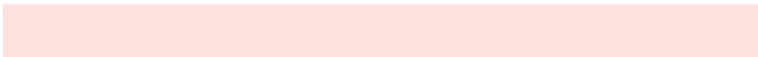
■ 44.9847, 28.6527,
3.4762

■ 44.3262, 27.4324,
2.9587

Harmonies

Analogous

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



83.2623, 81.6531, 82.2249



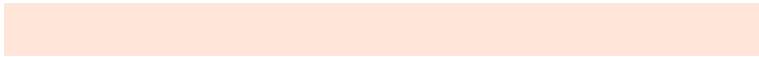
81.2491, 81.6531, 75.7683



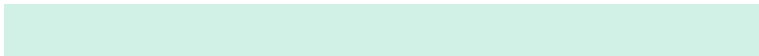
78.2984, 81.6531, 72.8593

Triad

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



81.2491, 81.6531, 75.7683



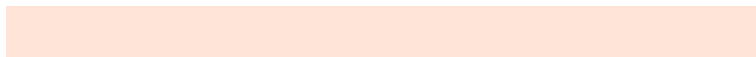
71.7823, 81.6531, 86.9518



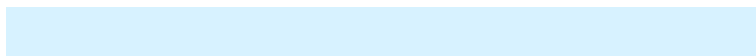
80.0275, 81.6531, 105.6756

Complementary

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



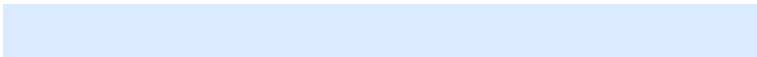
81.2491, 81.6531, 75.7683



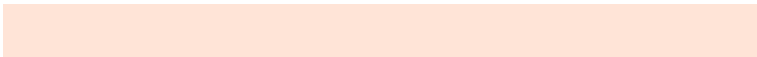
77.8256, 85.1689, 106.9451

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.



76.9233, 81.6531, 107.1518



81.2491, 81.6531, 75.7683



72.2172, 81.6531, 95.9402

Square

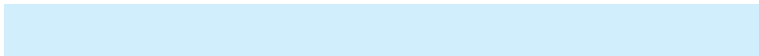
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2491, 81.6531, 75.7683



72.8745, 81.6531, 79.0299



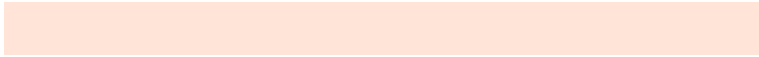
74.0789, 81.6531, 103.4816



82.5439, 81.6531, 99.5732

Rectangle

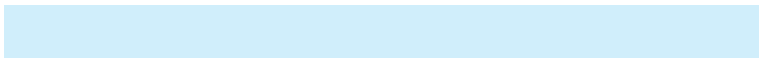
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.2491, 81.6531, 75.7683



76.2184, 81.6531, 73.1743



74.0789, 81.6531, 103.4816



79.0160, 81.6531, 106.7456

Sweetspot

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



81.2511, 81.6566, 75.7700



90.3808, 93.8382, 97.5504



81.6181, 76.2926, 94.6918



19.2091, 19.9050, 20.5512



0.0000, 0.0000, 0.0000



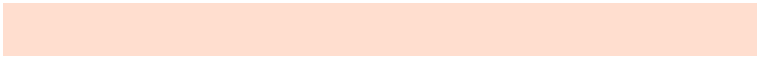
20.3446, 21.4041, 23.3091

Same Dimension

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



81.2511, 81.6566, 75.7700



78.6492, 78.1464, 69.6819



86.9711, 93.0966, 77.6767



18.4916, 18.9513, 18.8277



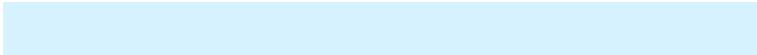
23.2813, 14.5737, 1.5860



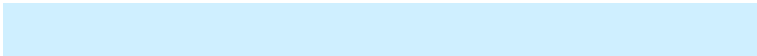
2.3613, 1.6080, 0.1859

Inverse Universe

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



77.8256, 85.1689, 106.9451



74.5956, 82.2987, 106.5614



72.2851, 74.0879, 105.0983



18.0279, 19.4274, 23.0496



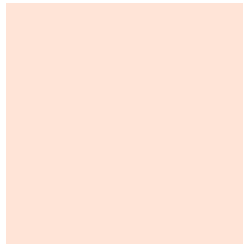
17.2909, 19.4914, 52.2855



1.7830, 2.0968, 5.1240

Previews

White Background



This preview shows how the XYZ color 81.2491, 81.6531, 75.7683 looks on a white background.

Color Contrast Check

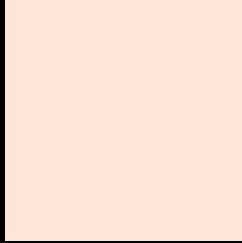
Large Text (above 18pt) WCAG AA × Fail

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 81.2491, 81.6531, 75.7683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

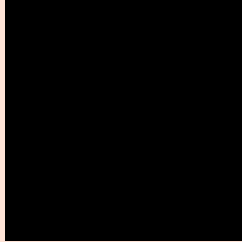
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2491, 81.6531, 75.7683

Background



This preview shows how black text looks on a background with the XYZ color 81.2491, 81.6531, 75.7683.



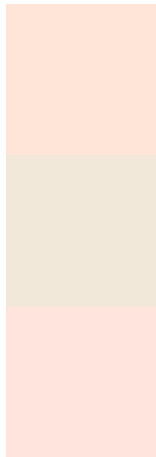
This preview shows how white text looks on a background with the XYZ color 81.2491, 81.6531,

75.7683.

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

81.2491, 81.6531, 75.7683

Protanopia

77.6566, 81.4238, 77.2691

Deuteranopia

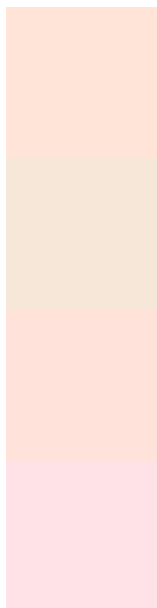
81.7602, 81.4186, 79.8128



Tritanopia

83.8934, 81.4017, 93.7285

Trichromacy



Original Color

81.2491, 81.6531, 75.7683

Protanomaly

78.9766, 81.7025, 76.5734

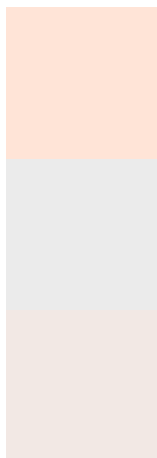
Deuteranomaly

81.4953, 81.3126, 78.4175

Tritanomaly

82.8602, 81.4222, 86.9502

Monochromacy



Original Color

81.2491, 81.6531, 75.7683

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4782, 82.1919, 85.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2491, 81.6531, 75.7683 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, 228, 215) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 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, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 215) }
```

Border

The CSS property to change the border of an element to XYZ 81.2491, 81.6531, 75.7683 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, 228, 215) }
```


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

```
.border{ border-color:rgb(255, 228, 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, 228, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2491, 81.6531, 75.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 215) }
```

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

```
.background{ background-color: rgb(255,  
228, 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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