

Converting Colors

XYZ(81.8774, 82.3232, 76.6941)

Have a look what the booklet for
XYZ(81.8774, 82.3232, 76.6941)
contains.

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Color

**XYZ(81.6540, 82.2565,
76.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5D8
RGB	255, 229, 216
RGB Percent	100%, 90%, 85%
CMY	0.0000, 0.1019, 0.1529
CMYK	0.00, 0.10, 0.15, 0.00
HSL	20°, 100%, 92%
HSV	20°, 15%, 100%
XYZ	81.6540, 82.2565, 76.5392
YIQ	235.2920, 19.6690, 1.4690

Conversions

Conversions Part 2

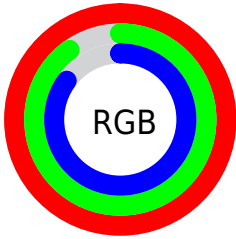
Format	Color
R _Y B	255, 236, 216
Decimal	16770520
CIE Lab	92.69, 6.83, 9.56
CIE LCh	93, 11.754, 54.449
Yxy	82.2565, 0.3396, 0.3421
Android (android.graphics.Color)	4294960600 (0xFFFFE5D8)
YUV	235.2920, -9.5110, 17.2839
Hunter-Lab	90.6954, 1.9885, 13.4510

Details

The XYZ color **81.6540, 82.2565, 76.5392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1202, 85.3208, 106.9589**, and the grayscale version is **79.2495, 83.3766, 90.7971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8578, 44.8511, 40.0111** is the 20% darker color. If you saturate the color by 10%, you get **74.1351, 72.0914, 59.0109**, and if you desaturate by 10%, it is **90.1489, 93.5542, 96.9189**.

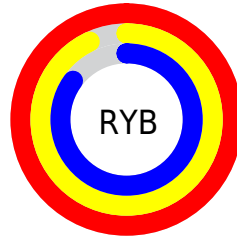
Distribution



Red (100%)

Green (90%)

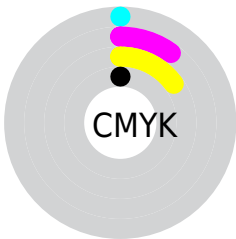
Blue (85%)



Red (100%)

Yellow (93%)

Blue (85%)

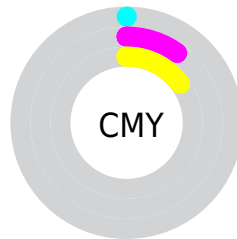


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.6540, 82.2565, 76.5392 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 81.6540, 82.2565, 76.5392 by changing the saturation by 10% instead.


 81.6540, 82.2565,
76.5392

 81.6540, 82.2565,
76.5392


489.1417,
502.5053, 502.5874

 61.3935, 61.5770,
56.3655


134.6270,
136.5336, 130.2559

 44.7966, 44.6910,
40.0900


168.0703,
170.9001, 164.6359

 31.4978, 31.2141,
27.2944


206.6385,
210.5976, 204.5884

 21.1319, 20.7619,
17.5601

250.6971,
256.0106, 250.5319

 13.3335, 12.9501,
10.4685

300.6113,
307.5234, 302.8851

 7.7371, 7.3942,
5.6010

356.7466,

 3.9776, 3.7098,

365.5206, 362.0663

2.5392

419.4683,
430.3864, 428.4942

■ 1.6895, 1.5126,
0.8608

■ 0.4497, 0.2976,
0.0000

■ 81.6540, 82.2565,
76.5392

■ 81.6540, 82.2565,
76.5392

■ 74.1351, 72.0914,
59.0109

■ 90.1489, 93.5542,
96.9189

■ 67.5497, 63.0126,
44.2005

95.0500, 100.0000,
108.9000

■ 61.8605, 54.9860,
31.9717

■ 57.0256, 47.9715,
22.1739

■ 52.9990, 41.9263,
14.6411

■ 49.7300, 36.8044,
9.1858

■ 47.1610, 32.5549,
5.5899

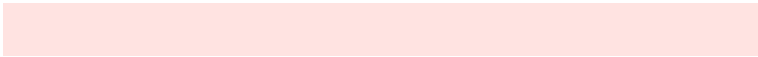
■ 45.2236, 29.1210,
3.5852

■ 44.4911, 27.7622,
3.0137

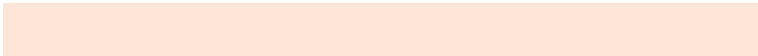
Harmonies

Analogous

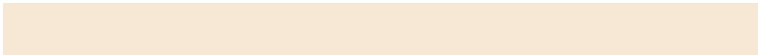
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6627, 82.2565, 82.7674



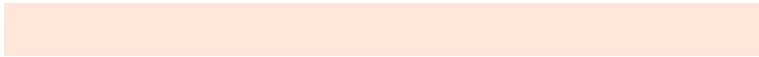
81.6540, 82.2565, 76.5392



78.7529, 82.2565, 73.8144

Triad

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



81.6540, 82.2565, 76.5392



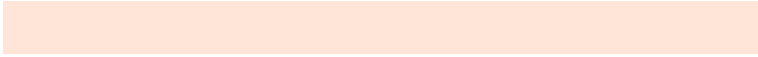
72.4702, 82.2565, 87.9431



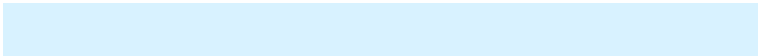
80.6433, 82.2565, 105.7982

Complementary

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



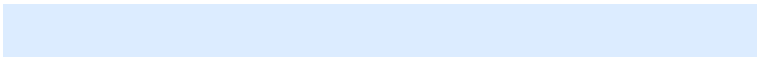
81.6540, 82.2565, 76.5392



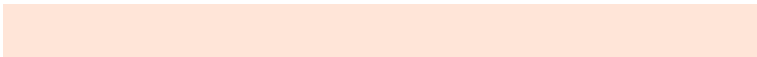
78.1202, 85.3208, 106.9589

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.



77.6145, 82.2565, 107.4068



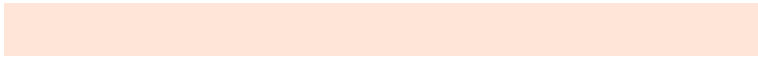
81.6540, 82.2565, 76.5392



72.9467, 82.2565, 96.7215

Square

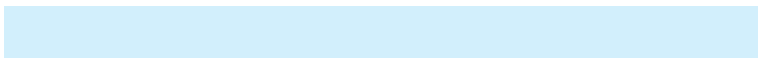
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.6540, 82.2565, 76.5392



73.4916, 82.2565, 80.1174



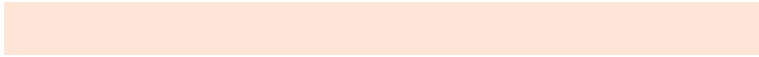
74.8105, 82.2565, 103.9870



83.0686, 82.2565, 99.7240

Rectangle

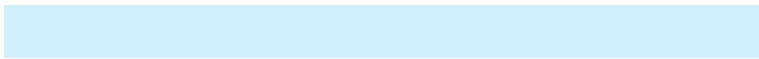
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.6540, 82.2565, 76.5392



76.7231, 82.2565, 74.2142



74.8105, 82.2565, 103.9870



79.6599, 82.2565, 106.8951

Sweetspot

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



81.6559, 82.2600, 76.5409



90.4132, 93.9030, 97.5612



81.8234, 76.7834, 94.5130



19.2170, 19.9207, 20.5538



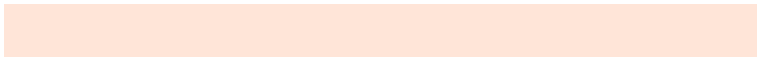
0.0000, 0.0000, 0.0000



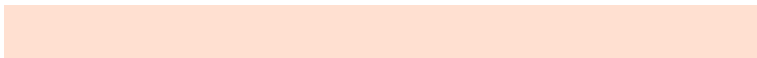
20.3446, 21.4041, 23.3091

Same Dimension

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



81.6559, 82.2600, 76.5409



79.5259, 79.3982, 71.5205



87.3563, 93.6608, 78.4411



18.5042, 18.9766, 18.8319



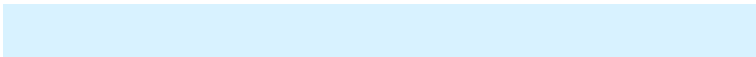
23.3695, 14.7503, 1.6154



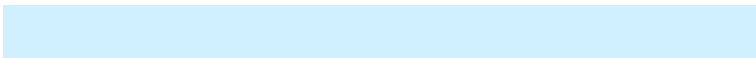
2.3711, 1.6275, 0.1892

Inverse Universe

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



78.1202, 85.3208, 106.9589



75.4429, 82.9301, 106.6386



72.6241, 74.3285, 105.1269



18.0146, 19.4009, 23.0452



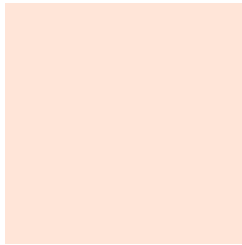
17.0824, 19.0744, 52.2160



1.7638, 2.0584, 5.1176

Previews

White Background



This preview shows how the XYZ color 81.6540, 82.2565, 76.5392 looks on a white background.

Color Contrast Check

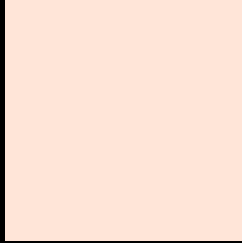
Large Text (above 18pt) WCAG AA × Fail

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 81.6540, 82.2565, 76.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

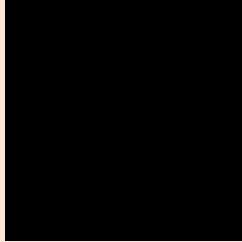
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.6540, 82.2565, 76.5392

Background



This preview shows how black text looks on a background with the XYZ color 81.6540, 82.2565, 76.5392.

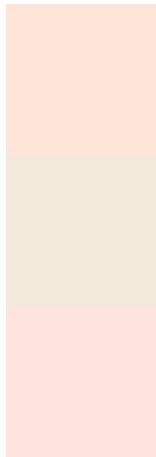


This preview shows how white text looks on a background with the XYZ color 81.6540, 82.2565,

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

81.6540, 82.2565, 76.5392

Protanopia

78.4118, 82.2170, 78.0664

Deuteranopia

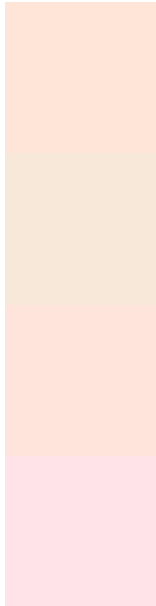
82.1682, 82.0207, 80.6081



Tritanopia

84.3135, 82.0036, 94.6036

Trichromacy



Original Color

81.6540, 82.2565, 76.5392

Protanomaly

79.7388, 82.4971, 77.3665

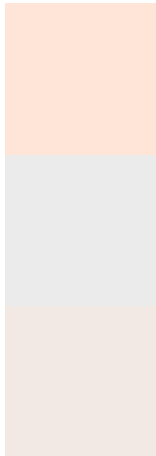
Deuteranomaly

81.9017, 81.9141, 79.2045

Tritanomaly

83.2746, 82.0244, 87.7872

Monochromacy



Original Color

81.6540, 82.2565, 76.5392

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.7605, 82.7565, 85.1686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6540, 82.2565, 76.5392 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 216) }
```

Border

The CSS property to change the border of an element to XYZ 81.6540, 82.2565, 76.5392 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, 216) }
```


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

```
.border{ border-color:rgb(255, 229, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6540, 82.2565, 76.5392 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
229, 216) }
```

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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