

Converting Colors

XYZ(116.5715, 100.0000,
69.0969)

Have a look what the booklet for
XYZ(116.5715, 100.0000, 69.0969)
contains.

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Color

**XYZ(79.6441, 81.0111,
67.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4CA
RGB	255, 228, 202
RGB Percent	100%, 89%, 79%
CMY	0.0000, 0.1059, 0.2078
CMYK	0.00, 0.11, 0.21, 0.00
HSL	29°, 100%, 90%
HSV	29°, 21%, 100%
XYZ	79.6441, 81.0111, 67.3161
YIQ	233.1090, 24.4380, -2.3620

Conversions

Conversions Part 2

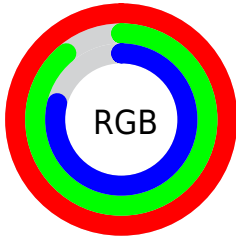
Format	Color
R _Y B	255, 253, 202
Decimal	16770250
CIE Lab	92.14, 5.28, 16.06
CIE LCh	92, 16.908, 71.811
Yxy	81.0111, 0.3494, 0.3554
Android (android.graphics.Color)	4294960330 (0xFFFFE4CA)
YUV	233.1090, -15.3367, 19.1984
Hunter-Lab	90.0062, 0.4392, 18.6610

Details

The XYZ color **79.6441, 81.0111, 67.3161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.4256, 75.8129, 105.5293**, and the grayscale version is **77.6348, 81.6779, 88.9472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5776, 44.0310, 34.2190** is the 20% darker color. If you saturate the color by 10%, you get **73.4313, 73.0247, 51.5600**, and if you desaturate by 10%, it is **86.6281, 89.7410, 85.7926**.

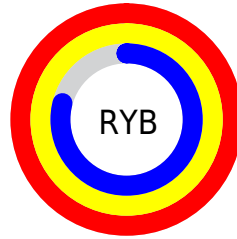
Distribution



Red (100%)

Green (89%)

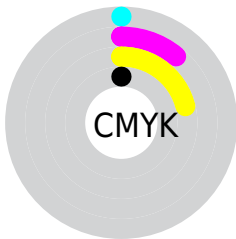
Blue (79%)



Red (100%)

Yellow (99%)

Blue (79%)

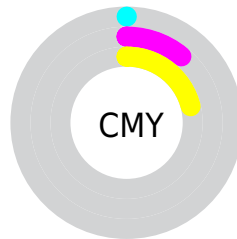


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6441, 81.0111, 67.3161 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 79.6441, 81.0111, 67.3161 by changing the saturation by 10% instead.


 79.6441, 81.0111,
67.3161

 79.6441, 81.0111,
67.3161


482.4874,
498.3338, 469.6012

 59.7330, 60.5507,
48.8783


131.8184,
134.7864, 117.0182

 43.4521, 43.8627,
34.1581


164.8123,
168.8700, 149.1196

 30.4360, 30.5626,
22.7367


202.8978,
208.2636, 186.6126

 20.3195, 20.2660,
14.1957

246.4403,
253.3515, 229.9158

 12.7371, 12.5885,
8.1166

295.8052,
304.5181, 279.4478

 7.3235, 7.1458,
4.0808

351.3578,

 3.7134, 3.5535,

362.1477, 335.6269

1.6698

413.4634,
426.6248, 398.8719

■ 1.5413, 1.4271,
0.3399

■ 0.3537, 0.2365,
0.0000

■ 79.6441, 81.0111,
67.3161

■ 79.6441, 81.0111,
67.3161

■ 73.4313, 73.0247,
51.5600

■ 86.6281, 89.7410,
85.7926

■ 67.9537, 65.7497,
38.3883

■ 94.4061, 99.2243,
107.1064

■ 63.1805, 59.1670,
27.6609

■ 95.0500, 100.0000,
108.9000

■ 59.0763, 53.2522,
19.2221

■ 55.6020, 47.9792,
12.8979

■ 52.7133, 43.3195,
8.4891

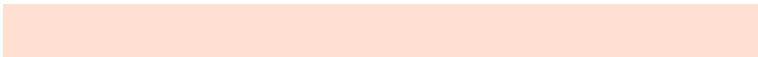
■ 50.3583, 39.2410,
5.7573

■ 48.5889, 35.9577,
4.3796

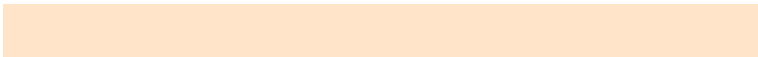
Harmonies

Analogous

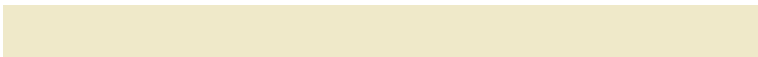
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.4147, 81.0111, 73.1562



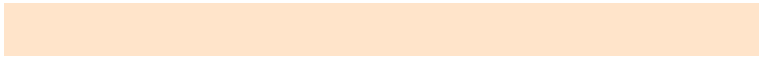
79.6441, 81.0111, 67.3161



75.2962, 81.0111, 66.7406

Triad

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



79.6441, 81.0111, 67.3161



69.0843, 81.0111, 93.2109



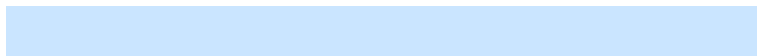
82.7212, 81.0111, 107.3309

Complementary

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



79.6441, 81.0111, 67.3161



70.4256, 75.8129, 105.5293

Split Complementary

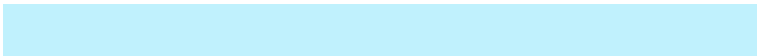
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7265, 81.0111, 113.8445



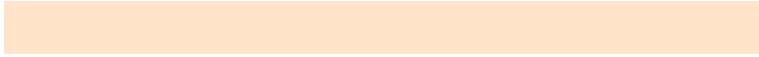
79.6441, 81.0111, 67.3161



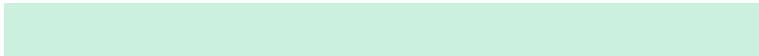
70.9203, 81.0111, 105.1931

Square

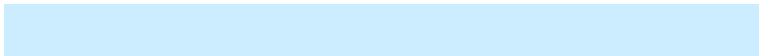
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6441, 81.0111, 67.3161



69.3090, 81.0111, 80.9261



74.4124, 81.0111, 113.0272



85.2369, 81.0111, 95.9127

Rectangle

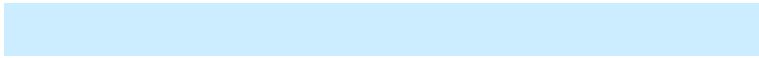
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6441, 81.0111, 67.3161



72.6656, 81.0111, 69.3450



74.4124, 81.0111, 113.0272



81.5006, 81.0111, 110.2130

Sweetspot

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



79.6460, 81.0146, 67.3178



90.2478, 94.1818, 95.6269



76.5575, 69.1805, 83.7284



19.2086, 20.0268, 20.1724



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.



79.6460, 81.0146, 67.3178



76.9338, 77.5572, 60.3498



87.3797, 96.4821, 69.8957



18.7453, 19.4588, 18.9123



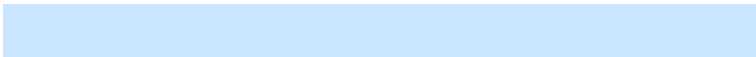
25.5373, 19.0858, 2.3380



2.5955, 2.0763, 0.2640

Inverse Universe

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



70.4256, 75.8129, 105.5293



66.1792, 71.4897, 104.9186



63.7364, 62.4344, 103.2995



17.7679, 18.9074, 22.9630



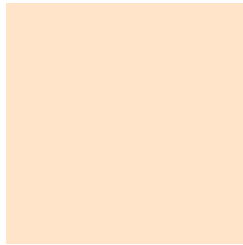
13.7442, 12.3979, 51.1032



1.4476, 1.4258, 5.0122

Previews

White Background



This preview shows how the XYZ color 79.6441, 81.0111, 67.3161 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 79.6441, 81.0111, 67.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

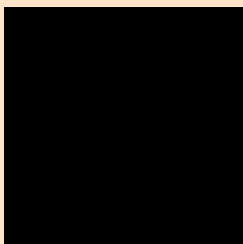
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6441, 81.0111, 67.3161

Background



This preview shows how black text looks on a background with the XYZ color 79.6441, 81.0111, 67.3161.



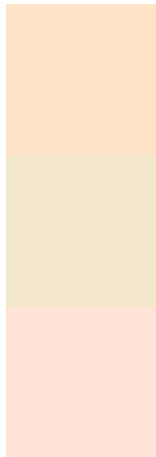
This preview shows how white text looks on a background with the XYZ color 79.6441, 81.0111,

67.3161.

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

79.6441, 81.0111, 67.3161

Protanopia

76.7178, 81.1275, 68.7425

Deuteranopia

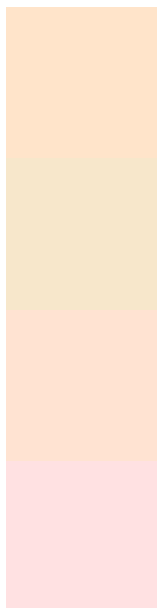
80.8467, 81.0532, 75.0021



Tritanopia

83.4756, 80.8033, 92.8583

Trichromacy



Original Color

79.6441, 81.0111, 67.3161

Protanomaly

77.7132, 81.2378, 68.0844

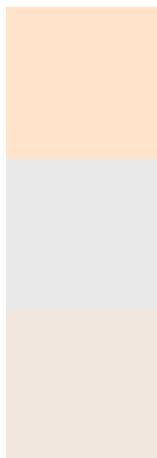
Deuteranomaly

80.3419, 80.8513, 72.3442

Tritanomaly

81.8927, 80.6014, 83.1929

Monochromacy



Original Color

79.6441, 81.0111, 67.3161

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0364, 81.1265, 80.6533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6441, 81.0111, 67.3161 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 202) }
```

Border

The CSS property to change the border of an element to XYZ 79.6441, 81.0111, 67.3161 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, 202) }
```


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

```
.border{ border-color:rgb(255, 228, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6441, 81.0111, 67.3161 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
228, 202) }
```

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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