

Converting Colors

XYZ(115.7479, 100.0000,
65.5234)

Have a look what the booklet for
XYZ(115.7479, 100.0000, 65.5234)
contains.

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Color

**XYZ(79.2231, 81.2841,
63.7385)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C4
RGB	255, 229, 196
RGB Percent	100%, 90%, 77%
CMY	0.0000, 0.1019, 0.2314
CMYK	0.00, 0.10, 0.23, 0.00
HSL	34°, 100%, 88%
HSV	34°, 23%, 100%
XYZ	79.2231, 81.2841, 63.7385
YIQ	233.0120, 26.0890, -4.7510

Conversions

Conversions Part 2

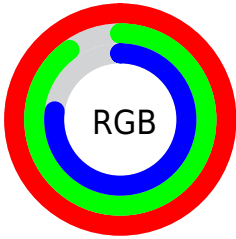
Format	Color
R_{YB}	242, 255, 196
Decimal	16770500
CIE _{Lab}	92.26, 3.92, 19.35
CIE _{LCh}	92, 19.740, 78.537
Y _{xy}	81.2841, 0.3533, 0.3625
Android (android.graphics.Color)	4294960580 (0xFFFFE5C4)
YUV	233.0120, -18.2469, 19.2835
Hunter-Lab	90.1577, -0.9250, 21.1943

Details

The XYZ color **79.2231, 81.2841, 63.7385** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.9356, 71.1963, 104.8221**, and the grayscale version is **77.5821, 81.6224, 88.8868**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **43.3072, 44.2309, 31.8461** is the 20% darker color. If you saturate the color by 10%, you get **73.5554, 74.2056, 48.7260**, and if you desaturate by 10%, it is **85.5893, 88.9695, 81.4196**.

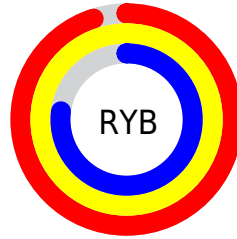
Distribution



Red (100%)

Green (90%)

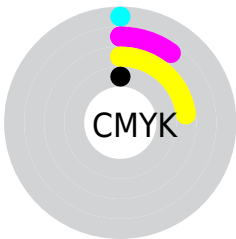
Blue (77%)



Red (95%)

Yellow (100%)

Blue (77%)

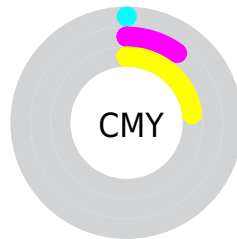


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2231, 81.2841, 63.7385 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 79.2231, 81.2841, 63.7385 by changing the saturation by 10% instead.


 79.2231, 81.2841,
63.7385

 79.2231, 81.2841,
63.7385


481.0873,
499.2499, 456.4262

 59.3855, 60.7756,
45.9941


131.2292,
135.1696, 111.8301

 43.1711, 44.0441,
31.8925


164.1284,
169.3154, 143.0143

 30.2145, 30.7052,
21.0153


202.1121,
208.7758, 179.5156

 20.1503, 20.3745,
12.9438

245.5459,
253.9351, 221.7524

 12.6133, 12.6675,
7.2596

294.7949,
305.1778, 270.1434

 7.2379, 7.2000,
3.5441

350.2246,

 3.6590, 3.5875,

362.8882, 325.1070

1.3787

412.2002,
427.4508, 387.0617

■ 1.5111, 1.4456,
0.1250

■ 0.3334, 0.2500,
0.0000

■ 79.2231, 81.2841,
63.7385

■ 79.2231, 81.2841,
63.7385

■ 73.5554, 74.2056,
48.7260

■ 85.5893, 88.9695,
81.4196

■ 68.5516, 67.7057,
36.2443

■ 92.6749, 97.2678,
101.8873

■ 64.1827, 61.7694,
26.1511

95.0500, 100.0000,
108.9000

■ 60.4147, 56.3767,
18.2877

■ 57.2100, 51.5060,
12.4759

■ 54.5254, 47.1331,
8.5095

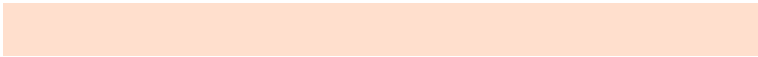
■ 52.3093, 43.2303,
6.1384

■ 51.0101, 40.8001,
5.1867

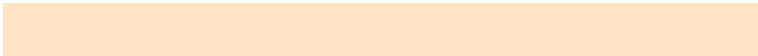
Harmonies

Analogous

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



83.9337, 81.2841, 69.0856



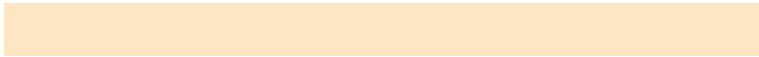
79.2231, 81.2841, 63.7385



74.1828, 81.2841, 64.4617

Triad

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



79.2231, 81.2841, 63.7385



68.3299, 81.2841, 97.7351



84.8410, 81.2841, 108.4298

Complementary

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



79.2231, 81.2841, 63.7385



66.9356, 71.1963, 104.8221

Split Complementary

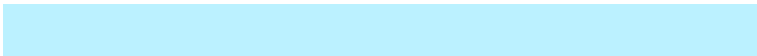
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4173, 81.2841, 117.8865



79.2231, 81.2841, 63.7385



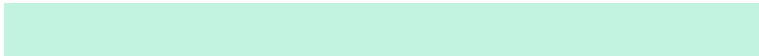
70.9462, 81.2841, 111.2589

Square

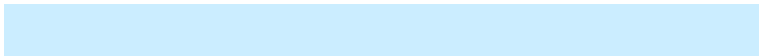
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2231, 81.2841, 63.7385



68.0418, 81.2841, 83.0405



75.3259, 81.2841, 118.9754



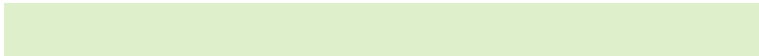
87.2711, 81.2841, 94.2032

Rectangle

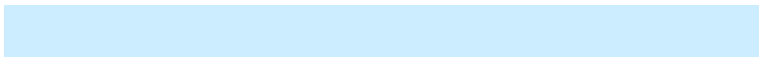
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2231, 81.2841, 63.7385



71.3092, 81.2841, 68.3070



75.3259, 81.2841, 118.9754



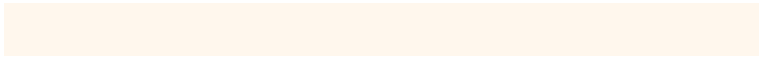
83.5290, 81.2841, 112.3361

Sweetspot

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



79.2251, 81.2877, 63.7402



89.8502, 93.9876, 93.6415



74.2392, 66.0443, 78.3301



19.1393, 20.0093, 19.7757



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.



79.2251, 81.2877, 63.7402



76.3826, 77.7694, 56.1131



85.8871, 96.2104, 66.2694



18.8523, 19.6728, 18.9479



26.8052, 21.6216, 2.7606



2.7188, 2.3230, 0.3051

Inverse Universe

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



66.9356, 71.1963, 104.8221



62.0367, 65.9914, 104.0757



61.3308, 58.8363, 102.7318



17.6616, 18.6948, 22.9275



12.6222, 10.1540, 50.7292



1.3356, 1.2020, 4.9749

Previews

White Background



This preview shows how the XYZ color 79.2231, 81.2841, 63.7385 looks on a white background.

Color Contrast Check

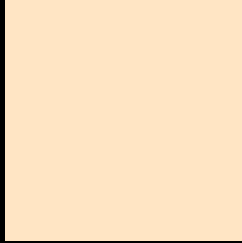
Large Text (above 18pt) WCAG AA × Fail

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 79.2231, 81.2841, 63.7385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

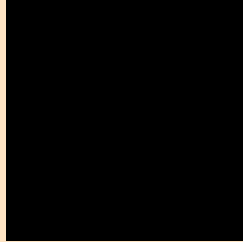
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

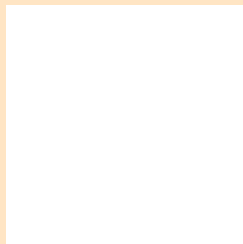
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2231, 81.2841, 63.7385

Background



This preview shows how black text looks on a background with the XYZ color 79.2231, 81.2841, 63.7385.

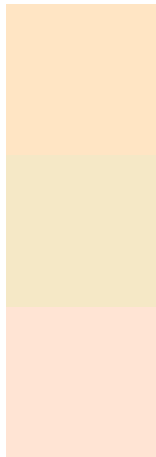


This preview shows how white text looks on a background with the XYZ color 79.2231, 81.2841,

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

79.2231, 81.2841, 63.7385

Protanopia

76.7058, 81.2029, 65.0570

Deuteranopia

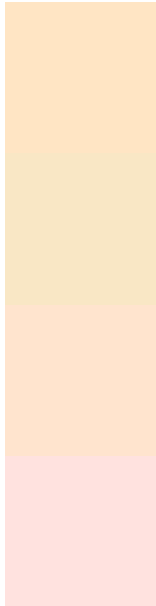
80.8671, 81.5003, 73.7563



Tritanopia

83.7452, 81.3424, 92.9482

Trichromacy



Original Color

79.2231, 81.2841, 63.7385

Protanomaly

77.7209, 81.3228, 64.4239

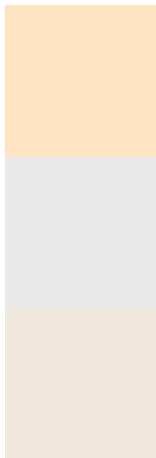
Deuteranomaly

80.1240, 81.2030, 69.8433

Tritanomaly

81.7556, 80.9804, 81.1338

Monochromacy



Original Color

79.2231, 81.2841, 63.7385

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0505, 81.5813, 79.3432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2231, 81.2841, 63.7385 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 196) }
```

Border

The CSS property to change the border of an element to XYZ 79.2231, 81.2841, 63.7385 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, 196) }
```


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

```
.border{ border-color:rgb(255, 229, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2231, 81.2841, 63.7385 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
229, 196) }
```

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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