

Converting Colors

XYZ(79.6273, 81.3007, 66.3139)

Have a look what the booklet for
XYZ(79.6273, 81.3007, 66.3139)
contains.

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Color

**XYZ(79.6846, 81.4688,
66.1688)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5C8
RGB	255, 229, 200
RGB Percent	100%, 90%, 78%
CMY	0.0000, 0.1019, 0.2157
CMYK	0.00, 0.10, 0.22, 0.00
HSL	32°, 100%, 89%
HSV	32°, 22%, 100%
XYZ	79.6846, 81.4688, 66.1688
YIQ	233.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

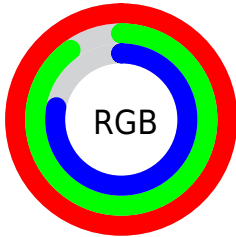
Format	Color
R _Y B	249, 255, 200
Decimal	16770504
CIE Lab	92.34, 4.48, 17.39
CIE LCh	92, 17.956, 75.546
Yxy	81.4688, 0.3505, 0.3584
Android (android.graphics.Color)	4294960584 (0xFFFFE5C8)
YUV	233.4680, -16.4997, 18.8836
Hunter-Lab	90.2601, -0.3694, 19.7171

Details

The XYZ color **79.6846, 81.4688, 66.1688** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.0650, 73.8898, 105.2298**, and the grayscale version is **77.9140, 81.9716, 89.2671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6131, 44.3532, 33.4565** is the 20% darker color. If you saturate the color by 10%, you get **73.7301, 73.9379, 50.6868**, and if you desaturate by 10%, it is **86.3718, 89.6689, 84.3491**.

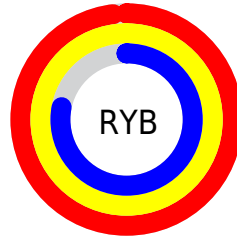
Distribution



Red (100%)

Green (90%)

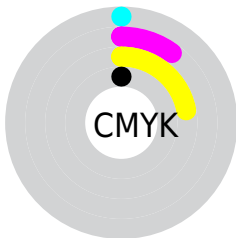
Blue (78%)



Red (98%)

Yellow (100%)

Blue (78%)

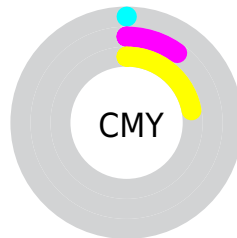


Cyan (0%)

Magenta (10%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6846, 81.4688, 66.1688 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 79.6846, 81.4688, 66.1688 by changing the saturation by 10% instead.


 79.6846, 81.4688,
66.1688

 79.6846, 81.4688,
66.1688

482.6220,
499.8691, 465.4010

 59.7664, 60.9278,
47.9521


131.8751,
135.4288, 115.3579

 43.4791, 44.1669,
33.4292


164.8780,
169.6166, 147.1673

 30.4574, 30.8017,
22.1817


202.9734,
209.1221, 184.3448

 20.3358, 20.4479,
13.7909

246.5263,
254.3297, 227.3088

 12.7491, 12.7211,
7.8383

295.9023,
305.6238, 276.4779

 7.3318, 7.2367,
3.9053

351.4667,

 3.7186, 3.6106,

363.3888, 332.2706

1.5736

413.5848,
428.0091, 395.1054

■ 1.5442, 1.4582,
0.2718

■ 0.3556, 0.2590,
0.0000

■ 79.6846, 81.4688,
66.1688

■ 79.6846, 81.4688,
66.1688

■ 73.7301, 73.9379,
50.6868

■ 86.3718, 89.6689,
84.3491

■ 68.4730, 67.0460,
37.7668

■ 93.8130, 98.5454,
105.3450

■ 63.8836, 60.7766,
27.2680

95.0500, 100.0000,
108.9000

■ 59.9276, 55.1078,
19.0341

■ 56.5670, 50.0162,
12.8898

■ 53.7585, 45.4760,
8.6339

■ 51.4510, 41.4578,
6.0245

■ 49.8317, 38.4433,
4.7939

Harmonies

Analogous

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



83.8591, 81.4688, 71.6701



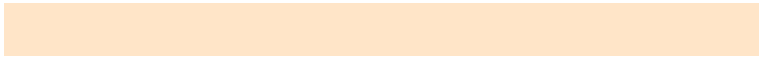
79.6846, 81.4688, 66.1688



75.0643, 81.4688, 66.2726

Triad

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



79.6846, 81.4688, 66.1688



69.1432, 81.4688, 95.7397



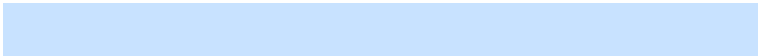
83.9861, 81.4688, 107.8540

Complementary

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



79.6846, 81.4688, 66.1688



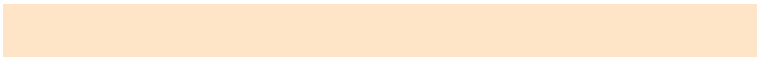
69.0650, 73.8898, 105.2298

Split Complementary

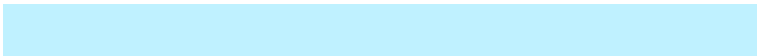
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8523, 81.4688, 115.7034



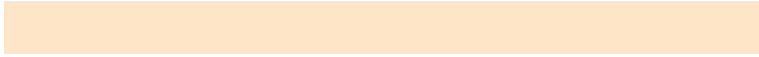
79.6846, 81.4688, 66.1688



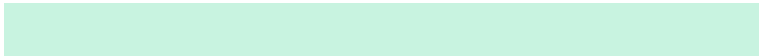
71.3451, 81.4688, 108.2471

Square

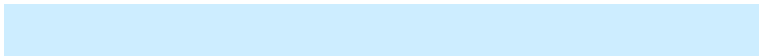
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6846, 81.4688, 66.1688



69.1023, 81.4688, 82.4726



75.2255, 81.4688, 115.8541



86.4090, 81.4688, 95.2452

Rectangle

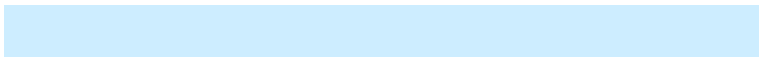
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6846, 81.4688, 66.1688



72.3562, 81.4688, 69.4773



75.2255, 81.4688, 115.8541



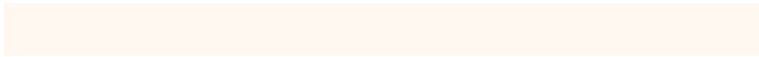
82.7433, 81.4688, 111.1898

Sweetspot

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



79.6866, 81.4724, 66.1705



90.4200, 94.5262, 95.6843



75.7025, 68.0925, 81.5258



19.2493, 20.1082, 20.1860



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.



79.6866, 81.4724, 66.1705



76.9585, 78.0525, 58.9830



87.0891, 96.7768, 68.7344



18.8023, 19.5728, 18.9313



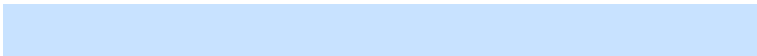
26.1889, 20.3891, 2.5552



2.6594, 2.2041, 0.2853

Inverse Universe

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



69.0650, 73.8898, 105.2298



64.5643, 69.2053, 104.5628



62.7702, 60.9356, 103.0611



17.7110, 18.7936, 22.9440



13.1206, 11.1508, 50.8954



1.3859, 1.3025, 4.9916

Previews

White Background



This preview shows how the XYZ color 79.6846, 81.4688, 66.1688 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 79.6846, 81.4688, 66.1688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

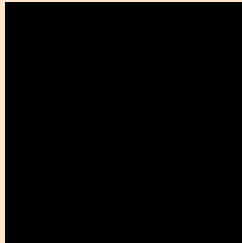
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6846, 81.4688, 66.1688

Background



This preview shows how black text looks on a background with the XYZ color 79.6846, 81.4688, 66.1688.



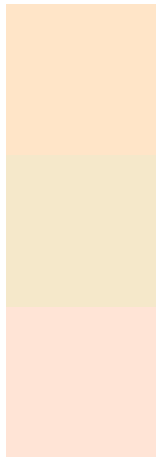
This preview shows how white text looks on a background with the XYZ color 79.6846, 81.4688,

66.1688.

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

79.6846, 81.4688, 66.1688

Protanopia

77.1735, 81.3900, 67.5195

Deuteranopia

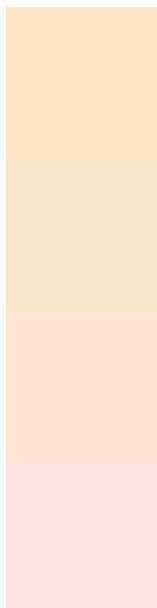
81.1210, 81.6018, 75.0935



Tritanopia

83.7452, 81.3424, 92.9482

Trichromacy



Original Color

79.6846, 81.4688, 66.1688

Protanomaly

78.1855, 81.5086, 66.8703

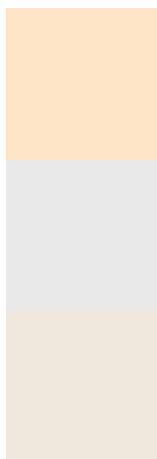
Deuteranomaly

80.4920, 81.3503, 71.7814

Tritanomaly

82.0270, 81.0890, 82.5626

Monochromacy



Original Color

79.6846, 81.4688, 66.1688

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1834, 81.6345, 80.0429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6846, 81.4688, 66.1688 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 200) }
```

Border

The CSS property to change the border of an element to XYZ 79.6846, 81.4688, 66.1688 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, 200) }
```


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

```
.border{ border-color:rgb(255, 229, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6846, 81.4688, 66.1688 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
229, 200) }
```

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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