

Converting Colors

XYZ(86.4757, 86.3039, 62.5615)

Have a look what the booklet for
XYZ(86.4757, 86.3039, 62.5615)
contains.

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Color

**XYZ(79.7223, 82.8235,
62.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8C1
RGB	255, 232, 193
RGB Percent	100%, 91%, 76%
CMY	0.0000, 0.0902, 0.2431
CMYK	0.00, 0.09, 0.24, 0.00
HSL	38°, 100%, 88%
HSV	38°, 24%, 100%
XYZ	79.7223, 82.8235, 62.2368
YIQ	234.4310, 26.2270, -7.2530

Conversions

Conversions Part 2

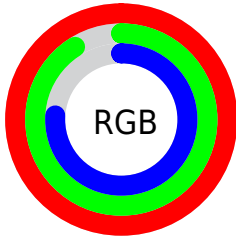
Format	Color
R_{YB}	230, 255, 193
Decimal	16771265
CIE _{Lab}	92.94, 1.98, 21.84
CIE _{LCh}	93, 21.931, 84.815
Yxy	82.8235, 0.3547, 0.3685
Android (android.graphics.Color)	4294961345 (0xFFFFE8C1)
YUV	234.4310, -20.4255, 18.0390
Hunter-Lab	91.0074, -2.8974, 23.1588

Details

The XYZ color **79.7223, 82.8235, 62.2368** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.5976, 67.6672, 104.2642**, and the grayscale version is **78.6712, 82.7682, 90.1346**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **43.4742, 44.9205, 30.8053** is the 20% darker color. If you saturate the color by 10%, you get **74.5289, 76.6033, 47.6608**, and if you desaturate by 10%, it is **85.5534, 89.5338, 79.4472**.

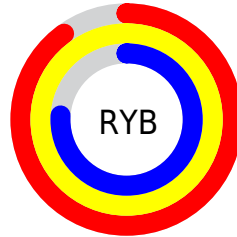
Distribution



Red (100%)

Green (91%)

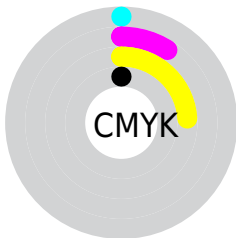
Blue (76%)



Red (90%)

Yellow (100%)

Blue (76%)

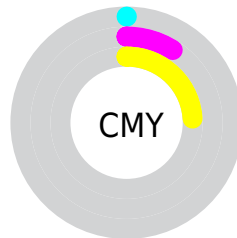


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7223, 82.8235, 62.2368 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 79.7223, 82.8235, 62.2368 by changing the saturation by 10% instead.


 79.7223, 82.8235,
62.2368

 79.7223, 82.8235,
62.2368


482.7473,
504.3981, 450.8258

 59.7975, 62.0446,
44.7870


 131.9278,
137.3282, 109.6426

 43.5043, 45.0687,
30.9480


164.9393,
171.8228, 140.4357

 30.4772, 31.5115,
20.3011


203.0437,
211.6581, 176.5138

 20.3510, 20.9887,
12.4279

246.6064,
257.2184, 218.2952

 12.7602, 13.1157,
6.9097

295.9927,
308.8881, 266.1986

 7.3395, 7.5083,
3.3281

351.5681,

 3.7235, 3.7820,

367.0517, 320.6424

1.2645

413.6978,
432.0936, 382.0453

■ 1.5469, 1.5524,
0.0324

■ 0.3574, 0.3252,
0.0000

■ 79.7223, 82.8235,
62.2368

■ 79.7223, 82.8235,
62.2368

■ 74.5289, 76.6033,
47.6608

■ 85.5534, 89.5338,
79.4472

■ 69.9399, 70.8476,
35.5807

■ 92.0420, 96.7368,
99.4104

■ 65.9277, 65.5447,
25.8531

95.0500, 100.0000,
108.9000

■ 62.4596, 60.6777,
18.3180

■ 59.4991, 56.2282,
12.7948

■ 57.0041, 52.1753,
9.0741

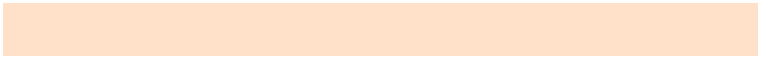
■ 54.9235, 48.4946,
6.8992

■ 53.8848, 46.5497,
6.1449

Harmonies

Analogous

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



85.2497, 82.8235, 66.7480



79.7223, 82.8235, 62.2368



74.1821, 82.8235, 64.4392

Triad

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



79.7223, 82.8235, 62.2368



69.1279, 82.8235, 104.0989



88.0847, 82.8235, 109.6356

Complementary

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



79.7223, 82.8235, 62.2368



64.5976, 67.6672, 104.2642

Split Complementary

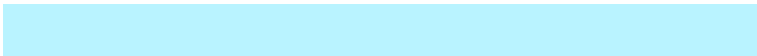
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4419, 82.8235, 122.0000



79.7223, 82.8235, 62.2368



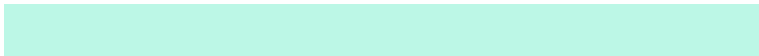
72.5349, 82.8235, 118.5412

Square

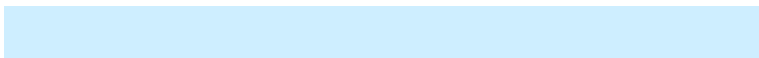
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7223, 82.8235, 62.2368



68.2392, 82.8235, 87.3559



77.7286, 82.8235, 125.4415



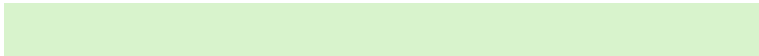
90.2253, 82.8235, 93.0658

Rectangle

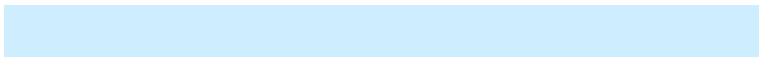
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.7223, 82.8235, 62.2368



71.2000, 82.8235, 69.5763



77.7286, 82.8235, 125.4415



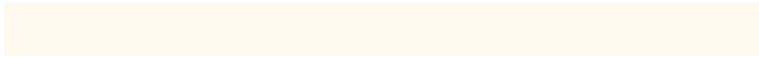
86.7543, 82.8235, 114.4976

Sweetspot

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



79.7243, 82.8271, 62.2385



90.2323, 94.7518, 93.7689



72.8046, 64.3985, 74.0804



19.2279, 20.1864, 19.8052



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

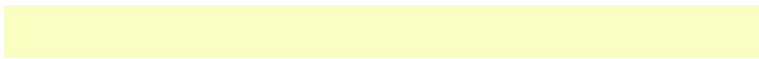
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7243, 82.8271, 62.2385



77.2119, 79.8507, 55.0862



84.0147, 95.2842, 64.4169



18.9618, 19.8918, 18.9844



28.3038, 24.6188, 3.2601



2.8605, 2.6064, 0.3523

Inverse Universe

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



64.5976, 67.6672, 104.2642



59.7900, 62.3942, 103.4998



61.0026, 57.6725, 102.5245



17.5548, 18.4812, 22.8919



11.6803, 8.2702, 50.4153



1.2376, 1.0060, 4.9422

Previews

White Background



This preview shows how the XYZ color 79.7223, 82.8235, 62.2368 looks on a white background.

Color Contrast Check

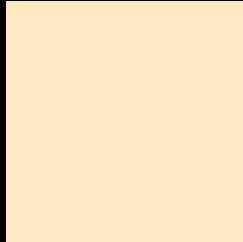
Large Text (above 18pt) WCAG AA × Fail

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 79.7223, 82.8235, 62.2368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

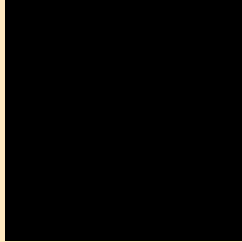
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7223, 82.8235, 62.2368

Background



This preview shows how black text looks on a background with the XYZ color 79.7223, 82.8235, 62.2368.

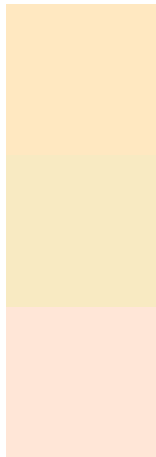


This preview shows how white text looks on a background with the XYZ color 79.7223, 82.8235,

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

79.7223, 82.8235, 62.2368

Protanopia

77.8718, 82.6971, 62.8968

Deuteranopia

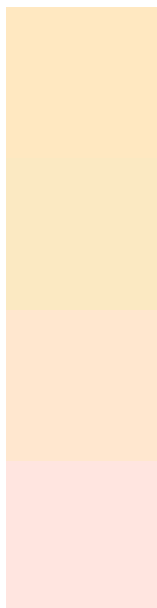
81.8026, 82.7599, 75.9528



Tritanopia

84.8606, 83.0977, 94.7859

Trichromacy



Original Color

79.7223, 82.8235, 62.2368

Protanomaly

78.6602, 82.6821, 62.8523

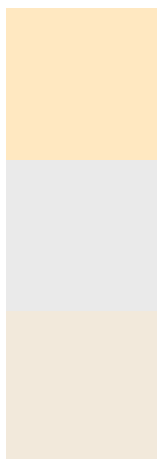
Deuteranomaly

81.0784, 82.9168, 70.7627

Tritanomaly

82.7139, 82.6804, 82.1204

Monochromacy



Original Color

79.7223, 82.8235, 62.2368

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5430, 82.2695, 78.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7223, 82.8235, 62.2368 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, 232, 193) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 193)  
}
```

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, 232, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 193) }
```

Border

The CSS property to change the border of an element to XYZ 79.7223, 82.8235, 62.2368 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, 232, 193) }
```


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

```
.border{ border-color:rgb(255, 232, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 232, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7223, 82.8235, 62.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 193) }
```

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

```
.background{ background-color: rgb(255,  
232, 193) }
```

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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