

Converting Colors

XYZ(79.3736, 81.7667, 63.2289)

Have a look what the booklet for
XYZ(79.3736, 81.7667, 63.2289)
contains.

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Color

**XYZ(79.3871, 81.7938,
63.2334)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6C3
RGB	255, 230, 195
RGB Percent	100%, 90%, 76%
CMY	0.0000, 0.0980, 0.2353
CMYK	0.00, 0.10, 0.24, 0.00
HSL	35°, 100%, 88%
HSV	35°, 24%, 100%
XYZ	79.3871, 81.7938, 63.2334
YIQ	233.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

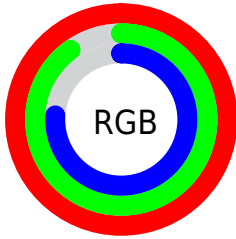
Format	Color
RYB	238, 255, 195
Decimal	16770755
CIELab	92.48, 3.27, 20.18
CIELCh	92, 20.442, 80.783
Yxy	81.7938, 0.3538, 0.3645
Android (android.graphics.Color)	4294960835 (0xFFFFE6C3)
YUV	233.4850, -18.9731, 18.8687
Hunter-Lab	90.4399, -1.5847, 21.8538

Details

The XYZ color **79.3871, 81.7938, 63.2334** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.1482, 70.0063, 104.6339**, and the grayscale version is **77.9442, 82.0034, 89.3017**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **43.4264, 44.5888, 31.5170** is the 20% darker color. If you saturate the color by 10%, you get **73.8804, 75.0070, 48.3675**, and if you desaturate by 10%, it is **85.5705, 89.1451, 80.7559**.

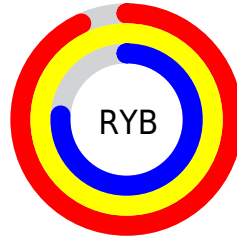
Distribution



Red (100%)

Green (90%)

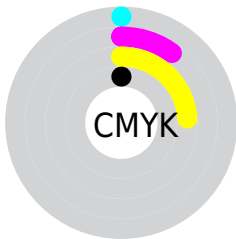
Blue (76%)



Red (93%)

Yellow (100%)

Blue (76%)

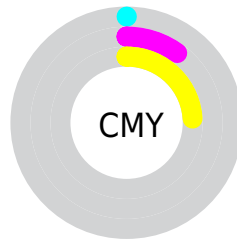


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3871, 81.7938, 63.2334 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 79.3871, 81.7938, 63.2334 by changing the saturation by 10% instead.


 79.3871, 81.7938,
63.2334

 79.3871, 81.7938,
63.2334


481.6330,
500.9577, 454.5473

 59.5209, 61.1956,
45.5878


131.4587,
135.8848, 111.0950

 43.2805, 44.3830,
31.5744


164.3948,
170.1464, 142.1481

 30.3008, 30.9717,
20.7745


202.4183,
209.7312, 178.5075

 20.2162, 20.5773,
12.7696

245.8944,
255.0236, 220.5917

 12.6615, 12.8154,
7.1412

295.1886,
306.4081, 268.8192

 7.2712, 7.3016,
3.4708

350.6662,

 3.6801, 3.6514,

364.2690, 323.6086

1.3398

412.6925,
428.9908, 385.3785

■ 1.5228, 1.4805,
0.0941

■ 0.3413, 0.2750,
0.0000

■ 79.3871, 81.7938,
63.2334

■ 79.3871, 81.7938,
63.2334

■ 73.8804, 75.0070,
48.3675

■ 85.5705, 89.1451,
80.7559

■ 69.0161, 68.7576,
36.0203

■ 92.4507, 97.0656,
101.0532

■ 64.7657, 63.0316,
26.0491

95.0500, 100.0000,
108.9000

■ 61.0959, 57.8104,
18.2948

■ 57.9694, 53.0735,
12.5784

■ 55.3435, 48.7982,
8.6927

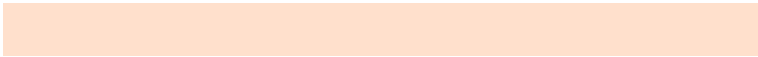
■ 53.1669, 44.9580,
6.3857

■ 51.9518, 42.6835,
5.5006

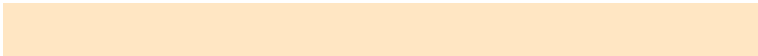
Harmonies

Analogous

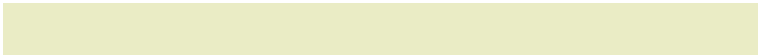
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3689, 81.7938, 68.2974



79.3871, 81.7938, 63.2334



74.1804, 81.7938, 64.4534

Triad

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



79.3871, 81.7938, 63.2334



68.5942, 81.7938, 99.8281



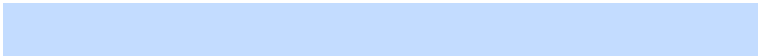
85.9127, 81.7938, 108.8271

Complementary

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



79.3871, 81.7938, 63.2334



66.1482, 70.0063, 104.6339

Split Complementary

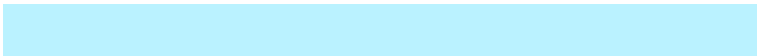
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4169, 81.7938, 119.2450



79.3871, 81.7938, 63.2334



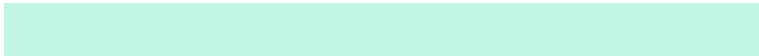
71.4726, 81.7938, 113.6530

Square

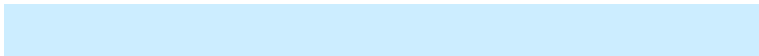
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3871, 81.7938, 63.2334



68.1061, 81.7938, 84.4639



76.1209, 81.7938, 121.1049



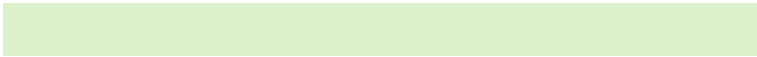
88.2476, 81.7938, 93.8189

Rectangle

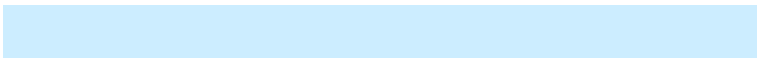
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3871, 81.7938, 63.2334



71.2708, 81.7938, 68.7284



76.1209, 81.7938, 121.1049



84.5947, 81.7938, 113.0503

Sweetspot

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



79.3892, 81.7975, 63.2351



89.9816, 94.2503, 93.6853



73.6739, 65.4584, 76.4626



19.1697, 20.0702, 19.7858



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.



79.3892, 81.7975, 63.2351



76.8445, 78.6933, 56.2671



85.0349, 95.7842, 65.6373



18.8899, 19.7480, 18.9605



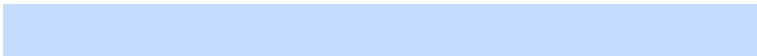
27.2968, 22.6048, 2.9245



2.7657, 2.4168, 0.3207

Inverse Universe

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



66.1482, 70.0063, 104.6339



61.6021, 65.1224, 103.9308



61.3854, 58.5307, 102.6699



17.6247, 18.6210, 22.9152



12.2760, 9.4616, 50.6138



1.3002, 1.1310, 4.9631

Previews

White Background



This preview shows how the XYZ color 79.3871, 81.7938, 63.2334 looks on a white background.

Color Contrast Check

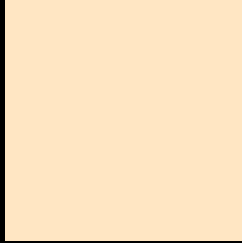
Large Text (above 18pt) WCAG AA × Fail

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 79.3871, 81.7938, 63.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

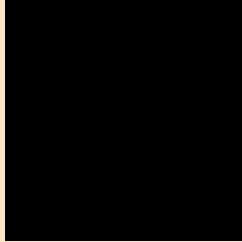
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3871, 81.7938, 63.2334

Background



This preview shows how black text looks on a background with the XYZ color 79.3871, 81.7938, 63.2334.



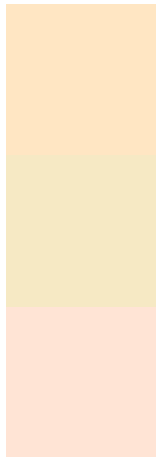
This preview shows how white text looks on a background with the XYZ color 79.3871, 81.7938,

63.2334.

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

79.3871, 81.7938, 63.2334

Protanopia

77.1088, 81.8562, 63.9603

Deuteranopia

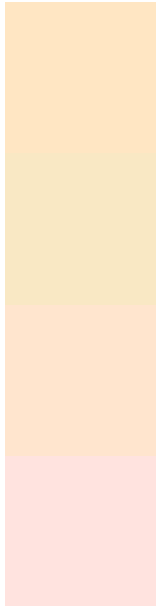
80.9936, 81.5509, 74.4229



Tritanopia

84.0163, 81.8847, 93.0385

Trichromacy



Original Color

79.3871, 81.7938, 63.2334

Protanomaly

77.8873, 81.8385, 63.9159

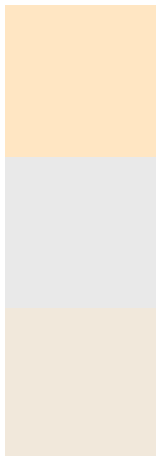
Deuteranomaly

80.3999, 81.7549, 69.9353

Tritanomaly

82.0284, 81.5259, 81.2247

Monochromacy



Original Color

79.3871, 81.7938, 63.2334

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9184, 81.5285, 78.6477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3871, 81.7938, 63.2334 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, 230, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 195)  
}
```

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, 230, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 195) }
```

Border

The CSS property to change the border of an element to XYZ 79.3871, 81.7938, 63.2334 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, 230, 195) }
```


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

```
.border{ border-color:rgb(255, 230, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3871, 81.7938, 63.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 195) }
```

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

```
.background{ background-color: rgb(255,  
230, 195) }
```

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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