

Converting Colors

XYZ(78.7200, 81.6146, 62.0885)

Have a look what the booklet for
XYZ(78.7200, 81.6146, 62.0885)
contains.

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Color

**XYZ(78.7955, 81.5147,
62.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE6C1
RGB	254, 230, 193
RGB Percent	100%, 90%, 76%
CMY	0.0039, 0.0980, 0.2431
CMYK	0.00, 0.09, 0.24, 0.00
HSL	36°, 97%, 88%
HSV	36°, 24%, 100%
XYZ	78.7955, 81.5147, 62.0330
YIQ	232.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

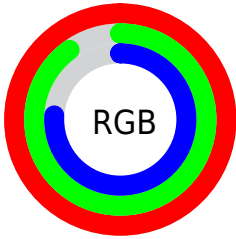
Format	Color
R _Y B	233, 254, 193
Decimal	16705217
CIE Lab	92.36, 2.63, 21.03
CIE LCh	92, 21.192, 82.860
Yxy	81.5147, 0.3544, 0.3666
Android (android.graphics.Color)	4294895297 (0xFFFE6C1)
YUV	232.9580, -19.6993, 18.4538
Hunter-Lab	90.2855, -2.2160, 22.4631

Details

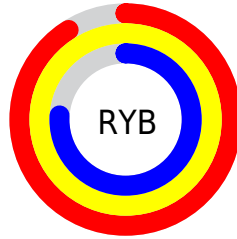
The XYZ color **78.7955, 81.5147, 62.0330** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.6941, 68.1172, 103.5045**, and the grayscale version is **77.5521, 81.5908, 88.8524**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **43.0161, 44.3943, 30.7279** is the 20% darker color. If you saturate the color by 10%, you get **73.5012, 75.0775, 47.4691**, and if you desaturate by 10%, it is **84.7402, 88.4727, 79.2164**.

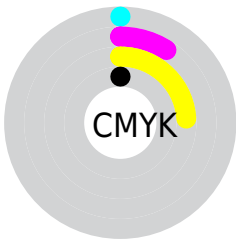
Distribution



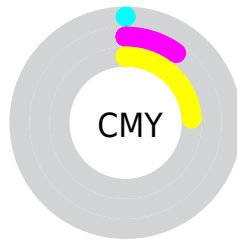
- Red (100%)
- Green (90%)
- Blue (76%)



- Red (91%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7955, 81.5147, 62.0330 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 78.7955, 81.5147, 62.0330 by changing the saturation by 10% instead.


 78.7955, 81.5147,
62.0330

 78.7955, 81.5147,
62.0330


479.6628,
500.0229, 450.0624

 59.0327, 60.9656,
44.6234

 130.6304,
135.4932, 109.3453

 42.8859, 44.1974,
30.8201


163.4332,
169.6915, 140.0850

 29.9898, 30.8257,
20.2046


201.3134,
209.2082, 176.1053

 19.9789, 20.4662,
12.3583

244.6364,
254.4278, 217.8245

 12.4878, 12.7344,
6.8627

293.7674,
305.7346, 265.6613

 7.1514, 7.2459,
3.2992

349.0720,

 3.6041, 3.6163,

363.5132, 320.0342

1.2494

410.9153,
428.1478, 381.3617

■ 1.4807, 1.4614,
0.0198

■ 0.3127, 0.2613,
0.0000

■ 78.7955, 81.5147,
62.0330

■ 78.7955, 81.5147,
62.0330

■ 73.5012, 75.0775,
47.4691

■ 84.7402, 88.4727,
79.2164

■ 68.8233, 69.1349,
35.3877

■ 91.3544, 95.9548,
99.1366

■ 64.7343, 63.6742,
25.6470

94.6832, 99.8109,
108.8828

■ 61.2013, 58.6780,
18.0889

■ 58.1880, 54.1270,
12.5352

■ 55.6523, 49.9997,
8.7793

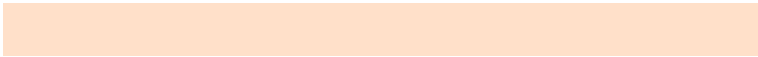
■ 53.5434, 46.2710,
6.5686

■ 52.4433, 44.2111,
5.7695

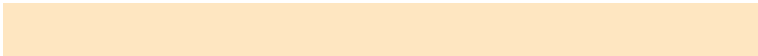
Harmonies

Analogous

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



84.0207, 81.5147, 66.7901



78.7955, 81.5147, 62.0330



73.4521, 81.5147, 63.7321

Triad

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



78.7955, 81.5147, 62.0330



68.1601, 81.5147, 101.0138



86.1920, 81.5147, 108.2688

Complementary

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



78.7955, 81.5147, 62.0330



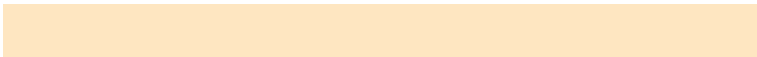
64.6941, 68.1172, 103.5045

Split Complementary

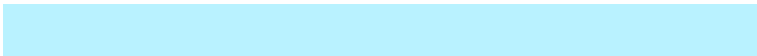
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6469, 81.5147, 119.5972



78.7955, 81.5147, 62.0330



71.2827, 81.5147, 115.0755

Square

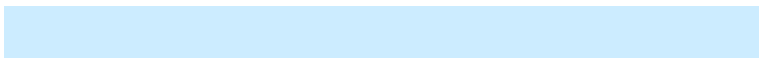
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7955, 81.5147, 62.0330



67.4769, 81.5147, 85.0542



76.1738, 81.5147, 122.2246



88.4199, 81.5147, 92.5629

Rectangle

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



78.7955, 81.5147, 62.0330



70.5228, 81.5147, 68.4059



76.1738, 81.5147, 122.2246



84.8746, 81.5147, 112.7872

Sweetspot

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



78.7976, 81.5184, 62.0347



90.1088, 94.5048, 93.7277



72.5203, 64.2423, 74.4974



19.1992, 20.1292, 19.7957



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.



78.7976, 81.5184, 62.0347



76.7579, 78.9427, 54.9349



83.7440, 94.6726, 64.3130



18.9264, 19.8210, 18.9726



27.7966, 23.6043, 3.0911



2.8130, 2.5113, 0.3365

Inverse Universe

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



64.6941, 68.1172, 103.5045



60.1986, 63.2115, 103.6360



60.5400, 57.4526, 101.6650



17.5891, 18.5498, 22.9034



11.9632, 8.8359, 50.5096



1.2676, 1.0659, 4.9522

Previews

White Background



This preview shows how the XYZ color 78.7955, 81.5147, 62.0330 looks on a white background.

Color Contrast Check

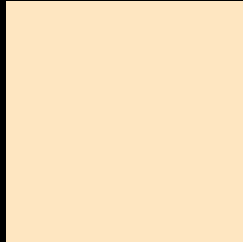
Large Text (above 18pt) WCAG AA × Fail

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 78.7955, 81.5147, 62.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

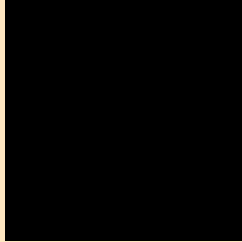
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7955, 81.5147, 62.0330

Background



This preview shows how black text looks on a background with the XYZ color 78.7955, 81.5147, 62.0330.



This preview shows how white text looks on a background with the XYZ color 78.7955, 81.5147,

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

78.7955, 81.5147, 62.0330

Protanopia

76.8826, 81.7657, 62.7691

Deuteranopia

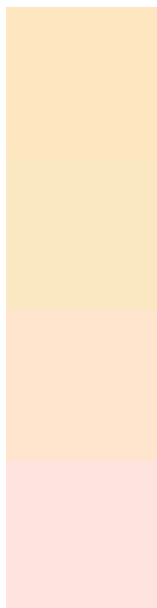
80.8671, 81.5003, 73.7563



Tritanopia

83.7452, 81.3424, 92.9482

Trichromacy



Original Color

78.7955, 81.5147, 62.0330

Protanomaly

77.6611, 81.7480, 62.7247

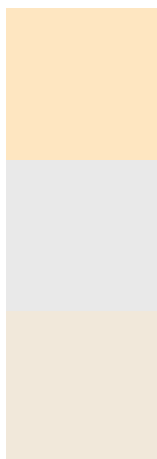
Deuteranomaly

80.2788, 81.7064, 69.2974

Tritanomaly

81.8939, 81.4721, 80.5167

Monochromacy



Original Color

78.7955, 81.5147, 62.0330

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7871, 81.4760, 77.9563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7955, 81.5147, 62.0330 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(254, 230, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 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(254, 230, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 193) }
```

Border

The CSS property to change the border of an element to XYZ 78.7955, 81.5147, 62.0330 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(254, 230, 193) }
```


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

```
.border{ border-color:rgb(254, 230, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 230, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7955, 81.5147, 62.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 193) }
```

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

```
.background{ background-color: rgb(254,  
230, 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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