

Converting Colors

XYZ(96.9959, 89.0071, 63.5526)

Have a look what the booklet for
XYZ(96.9959, 89.0071, 63.5526)
contains.

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Color

**XYZ(78.0155, 79.0506,
62.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C3
RGB	255, 225, 195
RGB Percent	100%, 88%, 76%
CMY	0.0000, 0.1176, 0.2353
CMYK	0.00, 0.12, 0.24, 0.00
HSL	30°, 100%, 88%
HSV	30°, 24%, 100%
XYZ	78.0155, 79.0506, 62.7762
YIQ	230.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

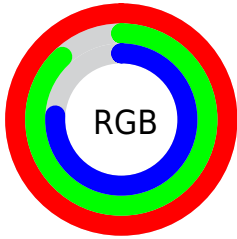
Format	Color
R _Y B	255, 255, 195
Decimal	16769475
CIE Lab	91.26, 5.83, 18.47
CIE LCh	91, 19.366, 72.469
Yxy	79.0506, 0.3549, 0.3596
Android (android.graphics.Color)	4294959555 (0xFFFFE1C3)
YUV	230.5500, -17.5261, 21.4427
Hunter-Lab	88.9104, 1.0338, 20.3749

Details

The XYZ color **78.0155, 79.0506, 62.7762** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.4801, 72.6703, 105.0779**, and the grayscale version is **75.7347, 79.6788, 86.7702**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **42.4711, 42.6783, 31.1986** is the 20% darker color. If you saturate the color by 10%, you get **72.0569, 71.3599, 47.7596**, and if you desaturate by 10%, it is **84.7278, 87.4599, 80.4749**.

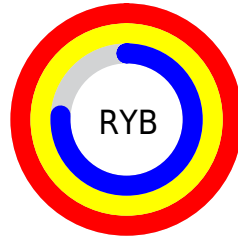
Distribution



Red (100%)

Green (88%)

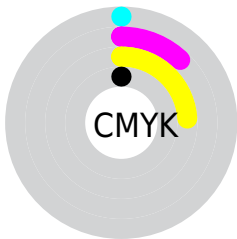
Blue (76%)



Red (100%)

Yellow (100%)

Blue (76%)

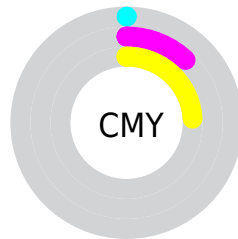


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0155, 79.0506, 62.7762 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 78.0155, 79.0506, 62.7762 by changing the saturation by 10% instead.

 78.0155, 79.0506,
62.7762

 78.0155, 79.0506,
62.7762


477.0585,
491.7275, 452.8424

 58.3895, 58.9374,
45.2203


129.5372,
132.0301, 110.4290

 42.3664, 42.5627,
31.2868


162.1637,
165.6652, 141.3631

 29.5806, 29.5422,
20.5570


199.8544,
204.5764, 177.5936

 19.6670, 19.4914,
12.6125

242.9746,
249.1481, 219.5392

 12.2601, 12.0259,
7.0347

291.8898,
299.7646, 267.6183

 6.9945, 6.7613,
3.4050

346.9653,

 3.5050, 3.3133,

356.8104, 322.2495

1.3050

408.5664,
420.6699, 383.8513

■ 1.4261, 1.2974,
0.0659

■ 0.2747, 0.1392,
0.0000

■ 78.0155, 79.0506,
62.7762

■ 78.0155, 79.0506,
62.7762

■ 72.0569, 71.3599,
47.7596

■ 84.7278, 87.4599,
80.4749

■ 66.8154, 64.3562,
35.2867

■ 92.2166, 96.5974,
100.9751

■ 62.2601, 58.0204,
25.2139

95.0500, 100.0000,
108.9000

■ 58.3550, 52.3286,
17.3811

■ 55.0600, 47.2549,
11.6086

■ 52.3297, 42.7707,
7.6882

■ 50.1095, 38.8434,
5.3666

■ 48.8972, 36.5744,
4.4824

Harmonies

Analogous

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



82.3177, 79.0506, 69.0750



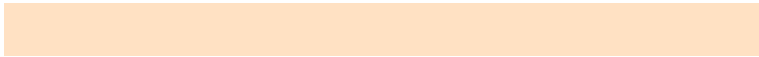
78.0155, 79.0506, 62.7762



73.1150, 79.0506, 62.2766

Triad

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



78.0155, 79.0506, 62.7762



66.2877, 79.0506, 92.0442



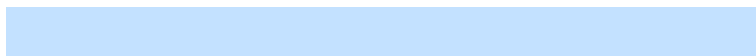
81.6925, 79.0506, 107.6005

Complementary

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



78.0155, 79.0506, 62.7762



67.4801, 72.6703, 105.0779

Split Complementary

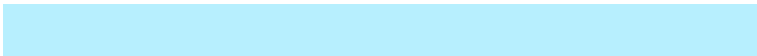
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1924, 79.0506, 115.2685



78.0155, 79.0506, 62.7762



68.3832, 79.0506, 105.6524

Square

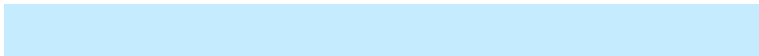
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0155, 79.0506, 62.7762



66.4864, 79.0506, 78.1812



72.3267, 79.0506, 114.5191



84.5033, 79.0506, 94.4780

Rectangle

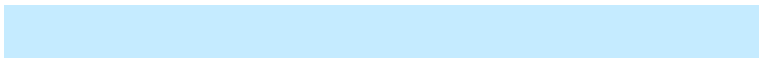
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0155, 79.0506, 62.7762



70.1794, 79.0506, 65.2144



72.3267, 79.0506, 114.5191



80.3190, 79.0506, 110.9625

Sweetspot

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



78.0175, 79.0541, 62.7778



89.5271, 93.3414, 93.5338



74.3462, 65.7273, 80.0030



19.0645, 19.8597, 19.7507



0.0000, 0.0000, 0.0000



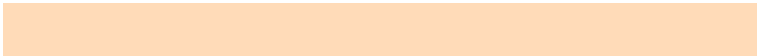
20.3446, 21.4041, 23.3091

Same Dimension

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



78.0175, 79.0541, 62.7778



75.2614, 75.5271, 55.7394



86.8505, 96.7202, 65.7222



18.7599, 19.4880, 18.9171



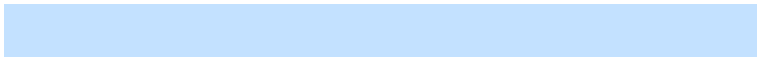
25.6991, 19.4095, 2.3919



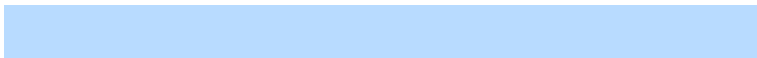
2.6114, 2.1082, 0.2693

Inverse Universe

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



67.4801, 72.6703, 105.0779



63.1296, 68.1773, 104.4400



60.0717, 57.8534, 102.6084



17.7533, 18.8781, 22.9581



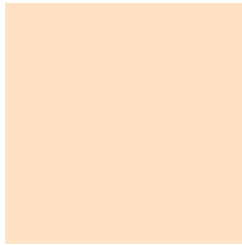
13.5786, 12.0669, 51.0480



1.4313, 1.3933, 5.0068

Previews

White Background



This preview shows how the XYZ color 78.0155, 79.0506, 62.7762 looks on a white background.

Color Contrast Check

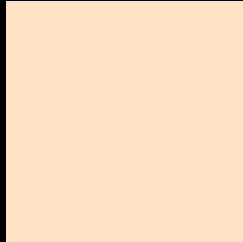
Large Text (above 18pt) WCAG AA × Fail

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 78.0155, 79.0506, 62.7762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

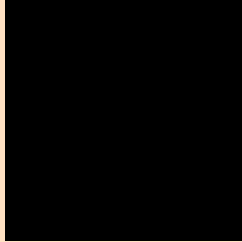
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0155, 79.0506, 62.7762

Background



This preview shows how black text looks on a background with the XYZ color 78.0155, 79.0506, 62.7762.



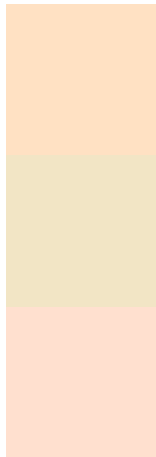
This preview shows how white text looks on a background with the XYZ color 78.0155, 79.0506,

62.7762.

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

78.0155, 79.0506, 62.7762

Protanopia

74.7153, 78.9471, 64.1237

Deuteranopia

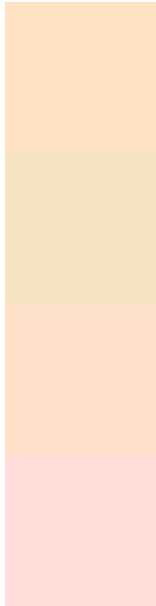
79.1581, 79.0763, 70.1227



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

78.0155, 79.0506, 62.7762

Protanomaly

76.0650, 79.2465, 63.5116

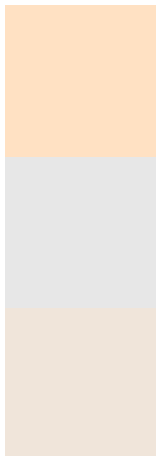
Deuteranomaly

78.6751, 78.8831, 67.5792

Tritanomaly

80.2795, 78.6699, 78.6638

Monochromacy



Original Color

78.0155, 79.0506, 62.7762

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6094, 79.6258, 77.6612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0155, 79.0506, 62.7762 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, 225, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 195) }
```

Border

The CSS property to change the border of an element to XYZ 78.0155, 79.0506, 62.7762 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, 225, 195) }
```


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

```
.border{ border-color:rgb(255, 225, 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, 225, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0155, 79.0506, 62.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 195) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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