

Converting Colors

XYZ(155.1778, 119.3115,
64.3553)

Have a look what the booklet for
XYZ(155.1778, 119.3115, 64.3553)
contains.

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Color

**XYZ(77.8403, 79.4143,
60.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2BF
RGB	255, 226, 191
RGB Percent	100%, 89%, 75%
CMY	0.0000, 0.1137, 0.2510
CMYK	0.00, 0.11, 0.25, 0.00
HSL	33°, 100%, 87%
HSV	33°, 25%, 100%
XYZ	77.8403, 79.4143, 60.5161
YIQ	230.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

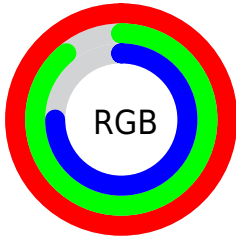
Format	Color
RYB	244, 255, 191
Decimal	16769727
CIELab	91.42, 4.77, 20.77
CIELCh	91, 21.314, 77.054
Yxy	79.4143, 0.3574, 0.3647
Android (android.graphics.Color)	4294959807 (0xFFFFE2BF)
YUV	230.6810, -19.5627, 21.3278
Hunter-Lab	89.1147, -0.0338, 22.1176

Details

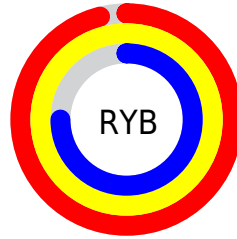
The XYZ color **77.8403, 79.4143, 60.5161** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1284, 69.4807, 104.5862**, and the grayscale version is **75.8461, 79.7960, 86.8979**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **42.3670, 42.9377, 29.7217** is the 20% darker color. If you saturate the color by 10%, you get **72.2389, 72.3181, 45.9887**, and if you desaturate by 10%, it is **84.1459, 87.1364, 77.6905**.

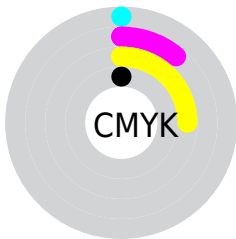
Distribution



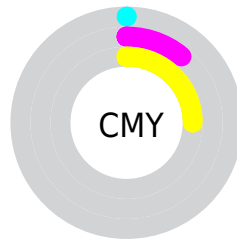
- Red (100%)
- Green (89%)
- Blue (75%)



- Red (96%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8403, 79.4143, 60.5161 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 77.8403, 79.4143, 60.5161 by changing the saturation by 10% instead.


 77.8403, 79.4143,
60.5161

 77.8403, 79.4143,
60.5161

476.4724,
492.9568, 444.3548

 58.2451, 59.2365,
43.4067


 129.2915,
132.5420, 107.1287

 42.2498, 42.8035,
29.8706


161.8783,
166.2606, 137.4690

 29.4889, 29.7310,
19.4892


199.5263,
205.2616, 173.0566

 19.5971, 19.6345,
11.8439

242.6009,
249.9295, 214.3102

 12.2091, 12.1296,
6.5162

291.4675,
300.6485, 261.6483

 6.9594, 6.8320,
3.0876

346.4913,

 3.4829, 3.3573,

357.8032, 315.4894

1.1396

408.0379,
421.7778, 376.2521

■ 1.4140, 1.3210,
0.0000

■ 0.2661, 0.1574,
0.0000

■ 77.8403, 79.4143,
60.5161

■ 77.8403, 79.4143,
60.5161

■ 72.2389, 72.3181,
45.9887

■ 84.1459, 87.1364,
77.6905

■ 67.3064, 65.8188,
33.9685

■ 91.1774, 95.4911,
97.6320

■ 63.0129, 59.9003,
24.3106

95.0500, 100.0000,
108.9000

■ 59.3234, 54.5417,
16.8525

■ 56.1990, 49.7199,
11.4114

■ 53.5947, 45.4096,
7.7741

■ 51.4561, 41.5811,
5.6781

■ 50.5416, 39.8631,
5.0305

Harmonies

Analogous

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



82.8076, 79.4143, 66.4059



77.8403, 79.4143, 60.5161



72.4650, 79.4143, 60.9537

Triad

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



77.8403, 79.4143, 60.5161



65.9478, 79.4143, 95.5224



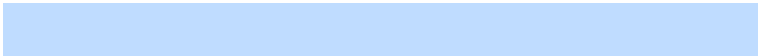
83.3709, 79.4143, 108.4437

Complementary

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



77.8403, 79.4143, 60.5161



65.1284, 69.4807, 104.5862

Split Complementary

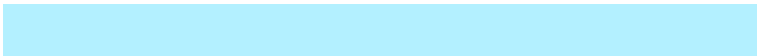
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5793, 79.4143, 118.2635



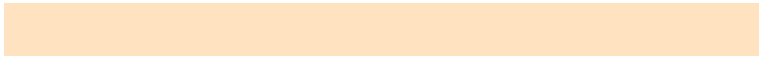
77.8403, 79.4143, 60.5161



68.5996, 79.4143, 110.2129

Square

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



77.8403, 79.4143, 60.5161



65.7712, 79.4143, 79.9517



73.1697, 79.4143, 118.9472



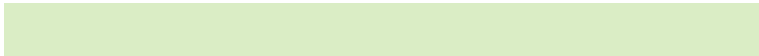
86.1021, 79.4143, 93.3305

Rectangle

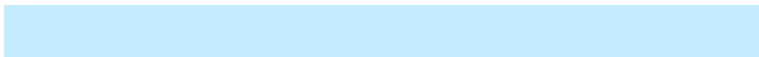
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8403, 79.4143, 60.5161



69.3726, 79.4143, 64.7655



73.1697, 79.4143, 118.9472



81.9376, 79.4143, 112.5479

Sweetspot

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



77.8423, 79.4178, 60.5177



89.0599, 92.9995, 91.5513



72.9047, 63.7358, 76.7740



18.8329, 19.6339, 18.9415



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.



77.8423, 79.4178, 60.5177



75.0094, 75.8609, 53.0724



85.6237, 96.1393, 63.3352



18.8329, 19.6339, 18.9415



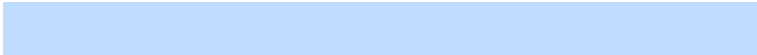
26.5604, 21.1319, 2.6790



2.6953, 2.2760, 0.2973

Inverse Universe

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



65.1284, 69.4807, 104.5862



60.3589, 64.4120, 103.8592



58.7080, 55.8377, 102.2912



17.6808, 18.7332, 22.9339



12.8109, 10.5314, 50.7921



1.3548, 1.2402, 4.9813

Previews

White Background



This preview shows how the XYZ color 77.8403, 79.4143, 60.5161 looks on a white background.

Color Contrast Check

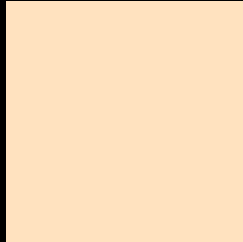
Large Text (above 18pt) WCAG AA × Fail

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 77.8403, 79.4143, 60.5161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

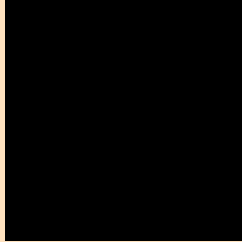
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8403, 79.4143, 60.5161

Background



This preview shows how black text looks on a background with the XYZ color 77.8403, 79.4143, 60.5161.

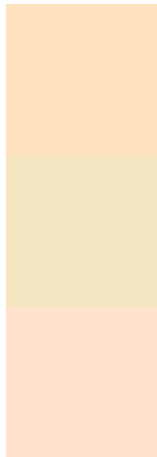


This preview shows how white text looks on a background with the XYZ color 77.8403, 79.4143,

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

77.8403, 79.4143, 60.5161

Protanopia

74.8846, 79.4986, 61.8500

Deuteranopia

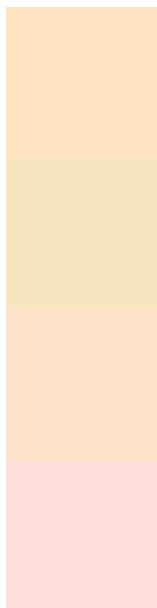
79.3058, 79.5667, 69.5706



Tritanopia

82.5016, 79.5587, 90.3649

Trichromacy



Original Color

77.8403, 79.4143, 60.5161

Protanomaly

75.8915, 79.6186, 61.2372

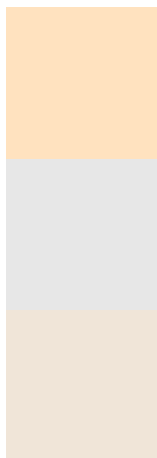
Deuteranomaly

78.7078, 79.3275, 66.4217

Tritanomaly

80.5459, 79.2027, 78.7526

Monochromacy



Original Color

77.8403, 79.4143, 60.5161

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3492, 79.5218, 76.2909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8403, 79.4143, 60.5161 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, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 191)  
}
```

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, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 191) }
```

Border

The CSS property to change the border of an element to XYZ 77.8403, 79.4143, 60.5161 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, 226, 191) }
```


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

```
.border{ border-color:rgb(255, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8403, 79.4143, 60.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 191) }
```

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

```
.background{ background-color: rgb(255,  
226, 191) }
```

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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