

Converting Colors

XYZ(77.7679, 78.7356, 62.1377)

Have a look what the booklet for XYZ(77.7679, 78.7356, 62.1377) contains.

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Color

**XYZ(77.9028, 79.0055,
62.1826)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1C2
RGB	255, 225, 194
RGB Percent	100%, 88%, 76%
CMY	0.0000, 0.1176, 0.2392
CMYK	0.00, 0.12, 0.24, 0.00
HSL	30°, 100%, 88%
HSV	30°, 24%, 100%
XYZ	77.9028, 79.0055, 62.1826
YIQ	230.4360, 27.8310, -3.2810

Conversions

Conversions Part 2

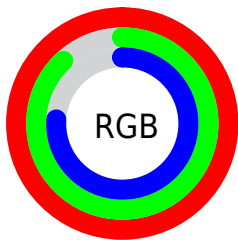
Format	Color
R_{YB}	253, 255, 194
Decimal	16769474
CIE _{Lab}	91.24, 5.70, 18.96
CIE _{LCh}	91, 19.795, 73.277
Yxy	79.0055, 0.3556, 0.3606
Android (android.graphics.Color)	4294959554 (0xFFFFE1C2)
YUV	230.4360, -17.9629, 21.5426
Hunter-Lab	88.8850, 0.8965, 20.7412

Details

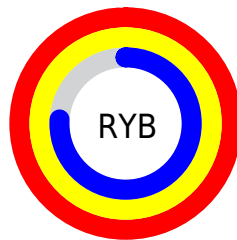
The XYZ color **77.9028, 79.0055, 62.1826** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.9530, 71.9984, 104.9760**, and the grayscale version is **75.6530, 79.5928, 86.6766**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **42.3971, 42.6487, 30.8084** is the 20% darker color. If you saturate the color by 10%, you get **72.0153, 71.4271, 47.2826**, and if you desaturate by 10%, it is **84.5346, 87.2855, 79.7570**.

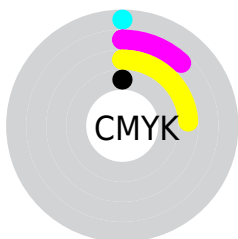
Distribution



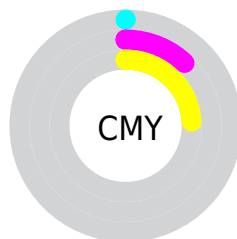
- Red (100%)
- Green (88%)
- Blue (76%)



- Red (99%)
- 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 77.9028, 79.0055, 62.1826 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 77.9028, 79.0055, 62.1826 by changing the saturation by 10% instead.


 77.9028, 79.0055,
62.1826

 77.9028, 79.0055,
62.1826


476.6815,
491.5749, 450.6229

 58.2966, 58.9003,
44.7435


129.3792,
131.9666, 109.5636

 42.2914, 42.5329,
30.9140


161.9801,
165.5913, 140.3425

 29.5216, 29.5188,
20.2754


199.6434,
204.4914, 176.4052

 19.6220, 19.4736,
12.4094

242.7343,
249.0511, 218.1700

 12.2273, 12.0130,
6.8972

291.6182,
299.6549, 266.0557

 6.9719, 6.7525,
3.3204

346.6604,

 3.4907, 3.3078,

356.6872, 320.4807

1.2605

408.2264,
420.5325, 381.8636

■ 1.4183, 1.2945,
0.0291

■ 0.2692, 0.1369,
0.0000

■ 77.9028, 79.0055,
62.1826

■ 77.9028, 79.0055,
62.1826

■ 72.0153, 71.4271,
47.2826

■ 84.5346, 87.2855,
79.7570

■ 66.8359, 64.5189,
34.9181

■ 91.9333, 96.2760,
100.1254

■ 62.3337, 58.2627,
24.9452

95.0500, 100.0000,
108.9000

■ 58.4730, 52.6350,
17.2033

■ 55.2138, 47.6104,
11.5118

■ 52.5106, 43.1609,
7.6613

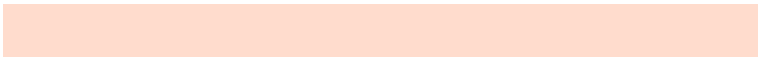
■ 50.3090, 39.2543,
5.3962

■ 49.1713, 37.1226,
4.5738

Harmonies

Analogous

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



82.3376, 79.0055, 68.4387



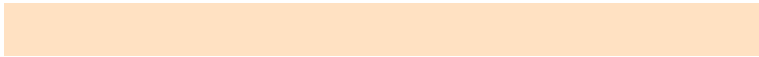
77.9028, 79.0055, 62.1826



72.8985, 79.0055, 61.8368

Triad

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



77.9028, 79.0055, 62.1826



66.0885, 79.0055, 92.5262



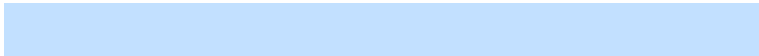
81.9021, 79.0055, 107.7484

Complementary

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



77.9028, 79.0055, 62.1826



66.9530, 71.9984, 104.9760

Split Complementary

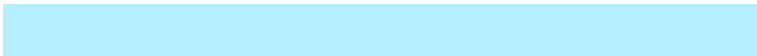
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3298, 79.0055, 115.8146



77.9028, 79.0055, 62.1826



68.2851, 79.0055, 106.3888

Square

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



77.9028, 79.0055, 62.1826



66.2266, 79.0055, 78.3155



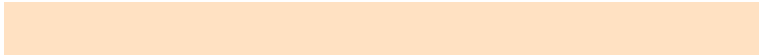
72.3503, 79.0055, 115.2910



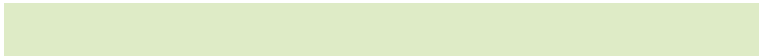
84.7161, 79.0055, 94.2215

Rectangle

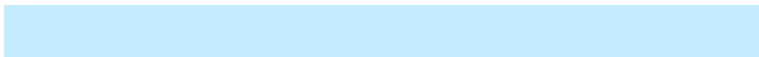
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9028, 79.0055, 62.1826



69.9223, 79.0055, 64.9299



72.3503, 79.0055, 115.2910



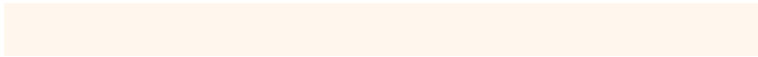
80.5112, 79.0055, 111.2524

Sweetspot

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



77.9048, 79.0090, 62.1842



89.5716, 93.4304, 93.5487



74.0548, 65.2534, 79.5698



19.0748, 19.8803, 19.7542



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.



77.9048, 79.0090, 62.1842



74.8228, 75.0725, 54.2898



86.7378, 96.6751, 65.1286



18.7726, 19.5134, 18.9214



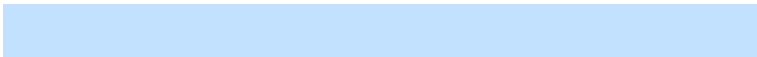
25.8429, 19.6970, 2.4398



2.6256, 2.1365, 0.2740

Inverse Universe

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



66.9530, 71.9984, 104.9760



62.0370, 66.8883, 104.2488



59.5908, 57.2739, 102.5219



17.7406, 18.8527, 22.9539



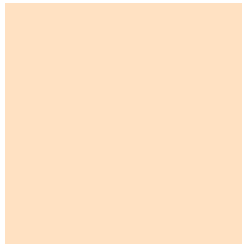
13.4378, 11.7851, 51.0011



1.4174, 1.3655, 5.0021

Previews

White Background



This preview shows how the XYZ color 77.9028, 79.0055, 62.1826 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 77.9028, 79.0055, 62.1826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

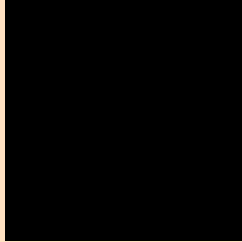
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9028, 79.0055, 62.1826

Background



This preview shows how black text looks on a background with the XYZ color 77.9028, 79.0055, 62.1826.



This preview shows how white text looks on a background with the XYZ color 77.9028, 79.0055,

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

77.9028, 79.0055, 62.1826

Protanopia

74.6011, 78.9014, 63.5221

Deuteranopia

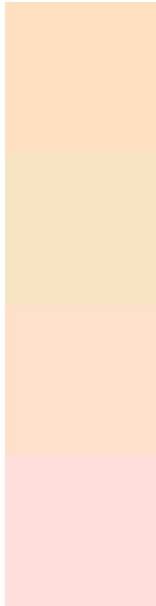
79.0362, 79.0275, 69.4807



Tritanopia

82.0918, 78.9711, 89.5135

Trichromacy



Original Color

77.9028, 79.0055, 62.1826

Protanomaly

75.9515, 79.2011, 62.9140

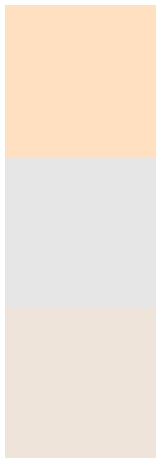
Deuteranomaly

78.5563, 78.8356, 66.9535

Tritanomaly

80.2795, 78.6699, 78.6638

Monochromacy



Original Color

77.9028, 79.0055, 62.1826

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.8644, 78.8473, 76.8662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9028, 79.0055, 62.1826 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 194) }
```

Border

The CSS property to change the border of an element to XYZ 77.9028, 79.0055, 62.1826 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, 194) }
```


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

```
.border{ border-color:rgb(255, 225, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9028, 79.0055, 62.1826 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
225, 194) }
```

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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