

Converting Colors

XYZ(79.4488, 79.6576, 70.2195)

Have a look what the booklet for
XYZ(79.4488, 79.6576, 70.2195)
contains.

XYZ(79.4277, 79.6154, 70.2125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.4277, 79.6154,
70.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1CF
RGB	255, 225, 207
RGB Percent	100%, 88%, 81%
CMY	0.0000, 0.1176, 0.1882
CMYK	0.00, 0.12, 0.19, 0.00
HSL	23°, 100%, 91%
HSV	23°, 19%, 100%
XYZ	79.4277, 79.6154, 70.2125
YIQ	231.9180, 23.6580, 0.7620

Conversions

Conversions Part 2

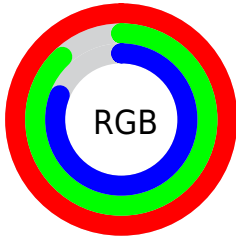
Format	Color
R _Y B	255, 236, 207
Decimal	16769487
CIE Lab	91.51, 7.54, 12.58
CIE LCh	92, 14.666, 59.047
Yxy	79.6154, 0.3465, 0.3473
Android (android.graphics.Color)	4294959567 (0xFFFFE1CF)
YUV	231.9180, -12.2846, 20.2429
Hunter-Lab	89.2275, 2.7475, 15.8043

Details

The XYZ color **79.4277, 79.6154, 70.2125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0655, 81.0514, 106.3486**, and the grayscale version is **76.7186, 80.7140, 87.8975**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4132, 43.0551, 36.1593** is the 20% darker color. If you saturate the color by 10%, you get **72.4501, 70.2528, 53.7281**, and if you desaturate by 10%, it is **87.3147, 89.9904, 89.4860**.

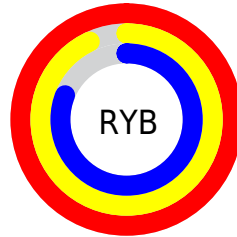
Distribution



Red (100%)

Green (88%)

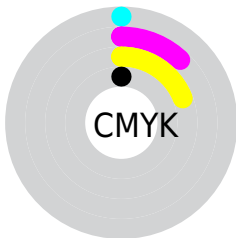
Blue (81%)



Red (100%)

Yellow (93%)

Blue (81%)

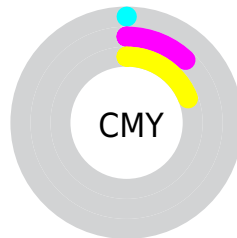


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4277, 79.6154, 70.2125 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 79.4277, 79.6154, 70.2125 by changing the saturation by 10% instead.


 79.4277, 79.6154,
70.2125

 79.4277, 79.6154,
70.2125


481.7680,
493.6358, 480.1050

 59.5544, 59.4019,
51.2219


131.5156,
132.8249, 121.1957

 43.3076, 42.9367,
36.0073


164.4608,
166.5896, 154.0254

 30.3221, 29.8355,
24.1501

202.4941,
205.6403, 192.3052

 20.2325, 19.7138,
15.2318

245.9807,
250.3613, 236.4537

 12.6734, 12.1871,
8.8338

295.2860,
301.1369, 286.8894

 7.2795, 6.8713,
4.5376

350.7755,

 3.6854, 3.3817,

358.3516, 344.0308

1.9247

412.8143,
422.3897, 408.2965

■ 1.5257, 1.3341,
0.5084

■ 0.3432, 0.1674,
0.0000

■ 79.4277, 79.6154,
70.2125

■ 79.4277, 79.6154,
70.2125

■ 72.4501, 70.2528,
53.7281

■ 87.3147, 89.9904,
89.4860

■ 66.3411, 61.8607,
39.8970

95.0500, 100.0000,
108.9000

■ 61.0651, 54.4093,
28.5796

■ 56.5815, 47.8631,
19.6214

■ 52.8459, 42.1843,
12.8504

■ 49.8086, 37.3318,
8.0708

■ 47.4125, 33.2600,
5.0513

■ 45.5801, 29.9138,
3.4578

■ 45.3912, 29.5624,
3.3137

Harmonies

Analogous

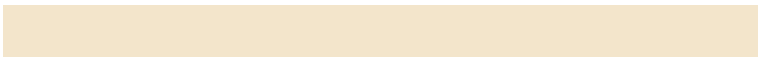
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1281, 79.6154, 77.0766



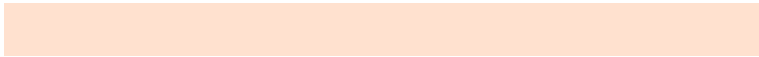
79.4277, 79.6154, 70.2125



75.7916, 79.6154, 67.6995

Triad

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



79.4277, 79.6154, 70.2125



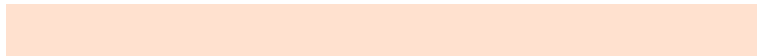
68.7136, 79.6154, 86.3458



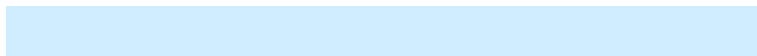
79.2141, 79.6154, 105.9480

Complementary

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



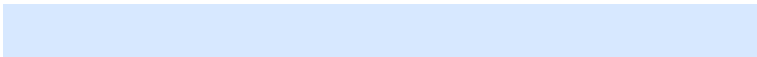
79.4277, 79.6154, 70.2125



74.0655, 81.0514, 106.3486

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.



75.5526, 79.6154, 108.9306



79.4277, 79.6154, 70.2125



69.5635, 79.6154, 97.0662

Square

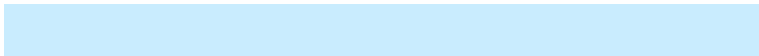
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4277, 79.6154, 70.2125



69.6765, 79.6154, 76.5297



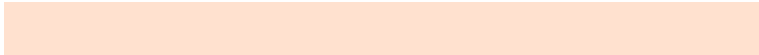
72.0367, 79.6154, 105.5572



82.0020, 79.6154, 97.7068

Rectangle

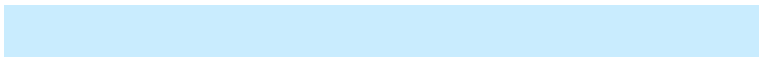
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4277, 79.6154, 70.2125



73.3516, 79.6154, 68.6569



72.0367, 79.6154, 105.5572



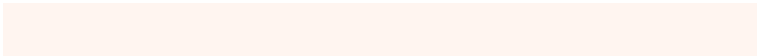
78.0409, 79.6154, 107.6274

Sweetspot

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



79.4296, 79.6188, 70.2142



89.7091, 93.1043, 95.4474



78.8979, 72.0243, 90.1717



19.0814, 19.7724, 20.1300



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.



79.4296, 79.6188, 70.2142



76.4060, 75.5860, 62.9962



86.2549, 93.2696, 72.4893



18.5676, 19.1034, 18.8530



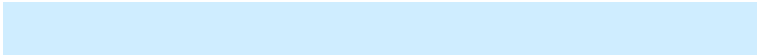
23.8493, 15.7099, 1.7753



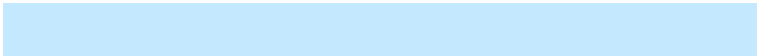
2.4230, 1.7313, 0.2065

Inverse Universe

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



74.0655, 81.0514, 106.3486



70.0450, 77.2806, 105.8326



67.6780, 68.2764, 104.2194



17.9488, 19.2692, 23.0233



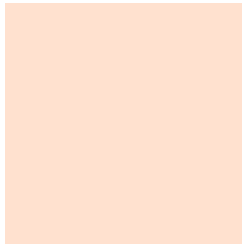
16.0893, 17.0882, 51.8849



1.6716, 1.8739, 5.0869

Previews

White Background



This preview shows how the XYZ color 79.4277, 79.6154, 70.2125 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 79.4277, 79.6154, 70.2125 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 79.4277, 79.6154, 70.2125

Background



This preview shows how black text looks on a background with the XYZ color 79.4277, 79.6154, 70.2125.



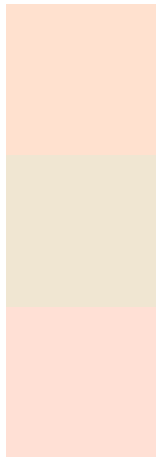
This preview shows how white text looks on a background with the XYZ color 79.4277, 79.6154,

70.2125.

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

79.4277, 79.6154, 70.2125

Protanopia

75.8649, 79.7720, 72.3718

Deuteranopia

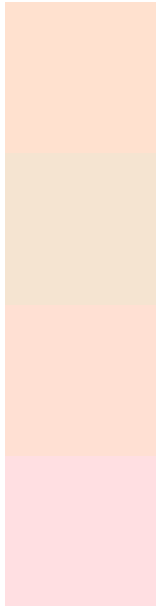
79.9059, 79.3754, 74.0603



Tritanopia

82.6473, 79.6170, 91.1324

Trichromacy



Original Color

79.4277, 79.6154, 70.2125

Protanomaly

76.9082, 79.5027, 71.6137

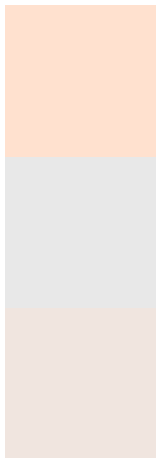
Deuteranomaly

79.6535, 79.2745, 72.7313

Tritanomaly

81.3551, 79.5263, 83.0137

Monochromacy



Original Color

79.4277, 79.6154, 70.2125

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2738, 79.8916, 81.1599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4277, 79.6154, 70.2125 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 207) }
```

Border

The CSS property to change the border of an element to XYZ 79.4277, 79.6154, 70.2125 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, 207) }
```


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

```
.border{ border-color:rgb(255, 225, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4277, 79.6154, 70.2125 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
225, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor