

Converting Colors

XYZ(113.5506, 100.0000,
63.9710)

Have a look what the booklet for
XYZ(113.5506, 100.0000, 63.9710)
contains.

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Color

**XYZ(79.4416, 82.2621,
62.1432)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7C1
RGB	255, 231, 193
RGB Percent	100%, 91%, 76%
CMY	0.0000, 0.0941, 0.2431
CMYK	0.00, 0.09, 0.24, 0.00
HSL	37°, 100%, 88%
HSV	37°, 24%, 100%
XYZ	79.4416, 82.2621, 62.1432
YIQ	233.8440, 26.5020, -6.7300

Conversions

Conversions Part 2

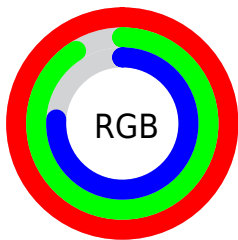
Format	Color
R _Y B	232, 255, 193
Decimal	16771009
CIE Lab	92.69, 2.49, 21.50
CIE LCh	93, 21.643, 83.390
Yxy	82.2621, 0.3549, 0.3675
Android (android.graphics.Color)	4294961089 (0xFFFFE7C1)
YUV	233.8440, -20.1361, 18.5538
Hunter-Lab	90.6985, -2.3765, 22.8656

Details

The XYZ color **79.4416, 82.2621, 62.1432** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.8545, 68.1811, 104.3498**, and the grayscale version is **78.2239, 82.2976, 89.6221**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **43.4742, 44.9205, 30.8053** is the 20% darker color. If you saturate the color by 10%, you get **74.1544, 75.8542, 47.5359**, and if you desaturate by 10%, it is **85.3790, 89.1849, 79.3890**.

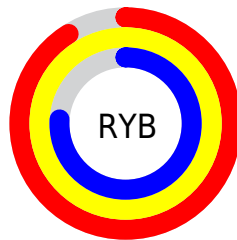
Distribution



Red (100%)

Green (91%)

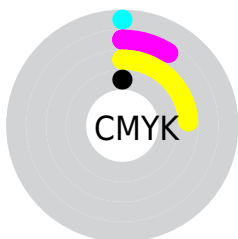
Blue (76%)



Red (91%)

Yellow (100%)

Blue (76%)

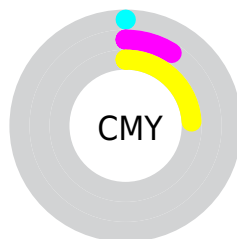


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4416, 82.2621, 62.1432 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 79.4416, 82.2621, 62.1432 by changing the saturation by 10% instead.

 79.4416, 82.2621,
62.1432

 79.4416, 82.2621,
62.1432


481.8142,
502.5240, 450.4753

 59.5658, 61.5816,
44.7119


 131.5350,
136.5415, 109.5061

 43.3169, 44.6947,
30.8893


164.4834,
170.9092, 140.2747

 30.3294, 31.2170,
20.2568


202.5200,
210.6080, 176.3262

 20.2381, 20.7642,
12.3959

246.0102,
256.0225, 218.0791

 12.6775, 12.9517,
6.8881

295.3194,
307.5369, 265.9519

 7.2823, 7.3953,
3.3148

350.8129,

 3.6872, 3.7105,

365.5357, 320.3632

1.2576

412.8561,
430.4033, 381.7315

■ 1.5267, 1.5130,
0.0266

■ 0.3439, 0.2978,
0.0000

■ 79.4416, 82.2621,
62.1432

■ 79.4416, 82.2621,
62.1432

■ 74.1544, 75.8542,
47.5359

■ 85.3790, 89.1849,
79.3890

■ 69.4838, 69.9354,
35.4286

■ 91.9866, 96.6261,
99.3919

■ 65.4018, 64.4929,
25.6778

95.0500, 100.0000,
108.9000

■ 61.8754, 59.5093,
18.1232

■ 58.8678, 54.9655,
12.5843

■ 56.3364, 50.8400,
8.8515

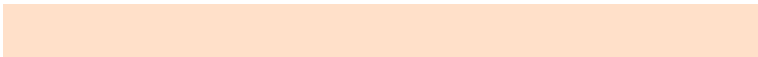
■ 54.2300, 47.1076,
6.6680

■ 53.1811, 45.1422,
5.9104

Harmonies

Analogous

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



84.8296, 82.2621, 66.8961



79.4416, 82.2621, 62.1432



73.9642, 82.2621, 63.9984

Triad

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



79.4416, 82.2621, 62.1432



68.6577, 82.2621, 102.4632



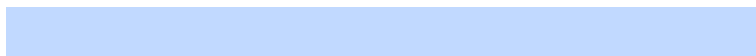
87.2126, 82.2621, 109.3809

Complementary

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



79.4416, 82.2621, 62.1432



64.8545, 68.1811, 104.3498

Split Complementary

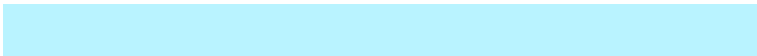
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5689, 82.2621, 121.1791



79.4416, 82.2621, 62.1432



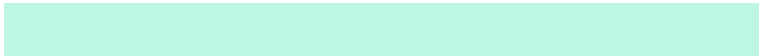
71.9018, 82.2621, 116.8618

Square

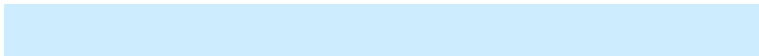
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4416, 82.2621, 62.1432



67.9099, 82.2621, 86.0446



76.9470, 82.2621, 124.0691



89.4533, 82.2621, 93.1893

Rectangle

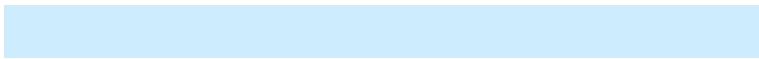
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4416, 82.2621, 62.1432



70.9773, 82.2621, 68.8571



76.9470, 82.2621, 124.0691



85.8705, 82.2621, 114.0673

Sweetspot

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



79.4435, 82.2657, 62.1449



90.1437, 94.5745, 93.7393



72.9392, 64.4523, 74.7895



19.2073, 20.1453, 19.7984



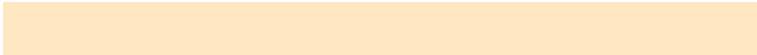
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.4435, 82.2657, 62.1449



76.8857, 79.1983, 54.9775



84.3816, 95.4734, 64.4340



18.9364, 19.8410, 18.9760



27.9375, 23.8862, 3.1380



2.8262, 2.5378, 0.3409

Inverse Universe

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



64.8545, 68.1811, 104.3498



60.0828, 62.9798, 103.5974



60.7271, 57.5305, 102.5116



17.5794, 18.5304, 22.9001



11.8813, 8.6722, 50.4823



1.2590, 1.0486, 4.9493

Previews

White Background



This preview shows how the XYZ color 79.4416, 82.2621, 62.1432 looks on a white background.

Color Contrast Check

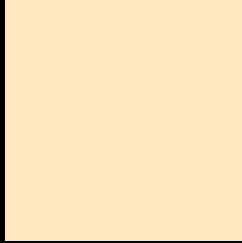
Large Text (above 18pt) WCAG AA × Fail

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 79.4416, 82.2621, 62.1432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

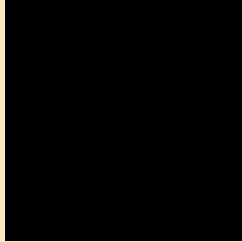
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4416, 82.2621, 62.1432

Background



This preview shows how black text looks on a background with the XYZ color 79.4416, 82.2621, 62.1432.



This preview shows how white text looks on a background with the XYZ color 79.4416, 82.2621,

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

79.4416, 82.2621, 62.1432

Protanopia

77.5182, 82.5148, 62.8802

Deuteranopia

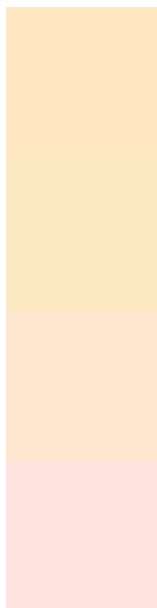
81.2696, 82.1027, 74.5148



Tritanopia

84.4373, 82.4894, 93.9098

Trichromacy



Original Color

79.4416, 82.2621, 62.1432

Protanomaly

78.3009, 82.4969, 62.8355

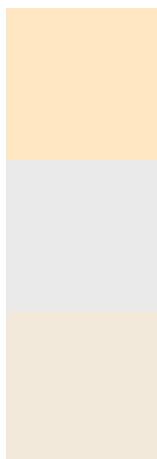
Deuteranomaly

80.6774, 82.3099, 70.0278

Tritanomaly

82.3027, 82.0745, 81.3162

Monochromacy



Original Color

79.4416, 82.2621, 62.1432

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5430, 82.2695, 78.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4416, 82.2621, 62.1432 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, 231, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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(255, 231, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 193) }
```

Border

The CSS property to change the border of an element to XYZ 79.4416, 82.2621, 62.1432 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, 231, 193) }
```


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

```
.border{ border-color:rgb(255, 231, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4416, 82.2621, 62.1432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 193) }
```

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

```
.background{ background-color: rgb(255,  
231, 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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