

Converting Colors

XYZ(79.5095, 82.2548, 62.6074)

Have a look what the booklet for
XYZ(79.5095, 82.2548, 62.6074)
contains.

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Color

**XYZ(79.5535, 82.3069,
62.7328)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7C2
RGB	255, 231, 194
RGB Percent	100%, 91%, 76%
CMY	0.0000, 0.0941, 0.2392
CMYK	0.00, 0.09, 0.24, 0.00
HSL	36°, 100%, 88%
HSV	36°, 24%, 100%
XYZ	79.5535, 82.3069, 62.7328
YIQ	233.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

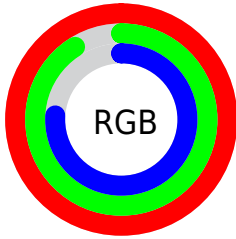
Format	Color
R_{YB}	234, 255, 194
Decimal	16771010
CIE _{Lab}	92.71, 2.63, 21.01
CIE _{LCh}	93, 21.174, 82.872
Yxy	82.3069, 0.3542, 0.3665
Android (android.graphics.Color)	4294961090 (0xFFFFE7C2)
YUV	233.9580, -19.6993, 18.4538
Hunter-Lab	90.7232, -2.2421, 22.5086

Details

The XYZ color **79.5535, 82.3069, 62.7328** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.3688, 68.8300, 104.4480**, and the grayscale version is **78.3072, 82.3853, 89.7176**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **43.5477, 44.9499, 31.1919** is the 20% darker color. If you saturate the color by 10%, you get **74.2049, 75.8061, 48.0124**, and if you desaturate by 10%, it is **85.5586, 89.3333, 80.0984**.

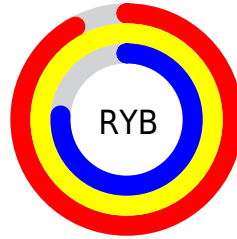
Distribution



Red (100%)

Green (91%)

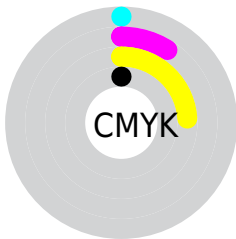
Blue (76%)



Red (92%)

Yellow (100%)

Blue (76%)

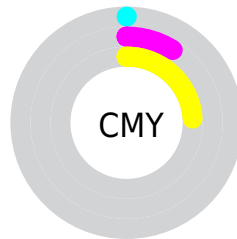


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5535, 82.3069, 62.7328 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 79.5535, 82.3069, 62.7328 by changing the saturation by 10% instead.


 79.5535, 82.3069,
62.7328

 79.5535, 82.3069,
62.7328


482.1863,
502.6737, 452.6803

 59.6582, 61.6185,
45.1855


131.6916,
136.6043, 110.3658

 43.3916, 44.7245,
31.2595


164.6651,
170.9821, 141.2885

 30.3883, 31.2405,
20.5364


202.7288,
210.6919, 177.5068

 20.2831, 20.7821,
12.5976

246.2479,
256.1180, 219.4392

 12.7104, 12.9648,
7.0246

295.5879,
307.6448, 267.5042

 7.3051, 7.4043,
3.3988

351.1140,

 3.7016, 3.7162,

365.6568, 322.1203

1.3017

413.1917,
430.5383, 383.7062

■ 1.5348, 1.5161,
0.0632

■ 0.3493, 0.3000,
0.0000

■ 79.5535, 82.3069,
62.7328

■ 79.5535, 82.3069,
62.7328

■ 74.2049, 75.8061,
48.0124

■ 85.5586, 89.3333,
80.0984

■ 69.4788, 69.8047,
35.7991

■ 92.2399, 96.8891,
100.2276

■ 65.3474, 64.2900,
25.9498

95.0500, 100.0000,
108.9000

■ 61.7775, 59.2441,
18.3049

■ 58.7325, 54.6479,
12.6847

■ 56.1700, 50.4795,
8.8810

■ 54.0387, 46.7136,
6.6394

■ 52.9108, 44.6016,
5.8203

Harmonies

Analogous

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



84.8076, 82.3069, 67.5183



79.5535, 82.3069, 62.7328



74.1802, 82.3069, 64.4458

Triad

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



79.5535, 82.3069, 62.7328



68.8602, 82.3069, 101.9492



86.9939, 82.3069, 109.2291

Complementary

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



79.5535, 82.3069, 62.7328



65.3688, 68.8300, 104.4480

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.



82.4251, 82.3069, 120.6161



79.5535, 82.3069, 62.7328



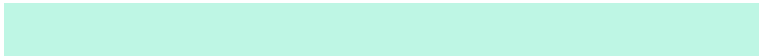
72.0021, 82.3069, 116.0803

Square

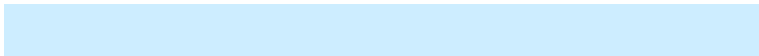
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5535, 82.3069, 62.7328



68.1719, 82.3069, 85.9022



76.9217, 82.3069, 123.2602



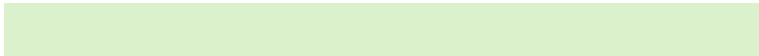
89.2323, 82.3069, 93.4398

Rectangle

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



79.5535, 82.3069, 62.7328



71.2344, 82.3069, 69.1513



76.9217, 82.3069, 123.2602



85.6697, 82.3069, 113.7708

Sweetspot

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



79.5555, 82.3106, 62.7345



90.1089, 94.5049, 93.7277



73.2397, 64.9274, 75.2773



19.1992, 20.1292, 19.7957



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.



79.5555, 82.3106, 62.7345



76.7580, 78.9430, 54.9349



84.5292, 95.5365, 65.0252



18.9264, 19.8210, 18.9726



27.7967, 23.6047, 3.0911



2.8130, 2.5113, 0.3365

Inverse Universe

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



65.3688, 68.8300, 104.4480



60.1985, 63.2112, 103.6359



61.1888, 58.0978, 102.5967



17.5891, 18.5498, 22.9034



11.9631, 8.8357, 50.5095



1.2676, 1.0658, 4.9522

Previews

White Background



This preview shows how the XYZ color 79.5535, 82.3069, 62.7328 looks on a white background.

Color Contrast Check

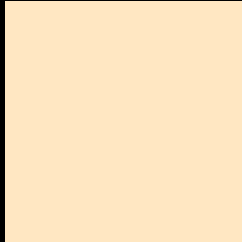
Large Text (above 18pt) WCAG AA × Fail

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 79.5535, 82.3069, 62.7328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

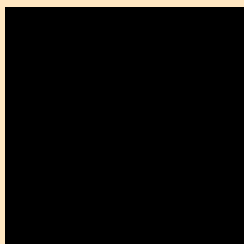
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5535, 82.3069, 62.7328

Background



This preview shows how black text looks on a background with the XYZ color 79.5535, 82.3069, 62.7328.



This preview shows how white text looks on a background with the XYZ color 79.5535, 82.3069,

62.7328.

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

79.5535, 82.3069, 62.7328

Protanopia

77.6309, 82.5599, 63.4738

Deuteranopia

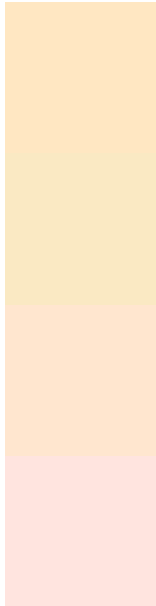
81.3969, 82.1537, 75.1855



Tritanopia

84.4373, 82.4894, 93.9098

Trichromacy



Original Color

79.5535, 82.3069, 62.7328

Protanomaly

78.4136, 82.5420, 63.4291

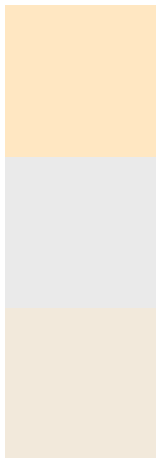
Deuteranomaly

80.7993, 82.3586, 70.6697

Tritanomaly

82.3027, 82.0745, 81.3162

Monochromacy



Original Color

79.5535, 82.3069, 62.7328

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 79.5535, 82.3069, 62.7328 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 194) }
```

Border

The CSS property to change the border of an element to XYZ 79.5535, 82.3069, 62.7328 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, 194) }
```


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

```
.border{ border-color:rgb(255, 231, 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, 231, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 231, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 231, 194); box-shadow:4px 4px 4px 4px rgb(255, 231, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5535, 82.3069, 62.7328 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, 194) }
```

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

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