

# Converting Colors

XYZ(79.6974, 79.4313, 72.5331)

Have a look what the booklet for  
XYZ(79.6974, 79.4313, 72.5331)  
contains.

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# Color

**XYZ(79.6535, 79.2745,  
72.7313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE0D3
RGB	255, 224, 211
RGB Percent	100%, 88%, 83%
CMY	0.0000, 0.1215, 0.1725
CMYK	0.00, 0.12, 0.17, 0.00
HSL	18°, 100%, 91%
HSV	18°, 17%, 100%
XYZ	79.6535, 79.2745, 72.7313
YIQ	231.7870, 22.6490, 2.5290

# Conversions

## Conversions Part 2

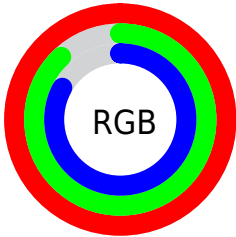
Format	Color
R <sub>Y</sub> B	255, 229, 211
Decimal	16769235
CIE Lab	91.36, 8.65, 10.27
CIE LCh	91, 13.428, 49.890
Yxy	79.2745, 0.3438, 0.3422
Android (android.graphics.Color)	4294959315 (0xFFFFE0D3)
YUV	231.7870, -10.2480, 20.3578
Hunter-Lab	89.0362, 3.8761, 13.8930

# Details

The XYZ color **79.6535, 79.2745, 72.7313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6652, 84.5706, 106.8908**, and the grayscale version is **76.6065, 80.5960, 87.7691**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4774, 42.7820, 37.4187** is the 20% darker color. If you saturate the color by 10%, you get **72.1318, 68.9475, 55.6835**, and if you desaturate by 10%, it is **88.1963, 90.8313, 92.6233**.

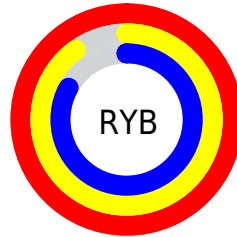
# Distribution



Red (100%)

Green (88%)

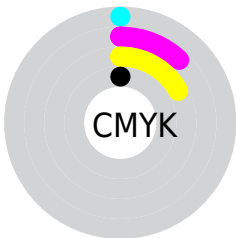
Blue (83%)



Red (100%)

Yellow (90%)

Blue (83%)

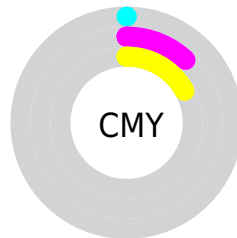


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6535, 79.2745, 72.7313 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 79.6535, 79.2745, 72.7313 by changing the saturation by 10% instead.




 79.6535, 79.2745,  
72.7313

 79.6535, 79.2745,  
72.7313

482.5187,  
492.4845, 489.1288

 59.7407, 59.1215,  
53.2658


131.8315,  
132.3452, 124.8131

 43.4584, 42.7110,  
37.6258


164.8275,  
166.0318, 158.2664

 30.4410, 29.6584,  
25.3928


202.9153,  
204.9983, 197.2194

 20.3233, 19.5794,  
16.1483

246.4603,  
249.6292, 242.0907

 12.7399, 12.0897,  
9.4737

295.8277,  
300.3089, 293.2987

 7.3254, 6.8048,  
4.9504

351.3831,

 3.7146, 3.3403,

357.4217, 351.2620

2.1600

413.4916,  
421.3521, 416.3992

■ 1.5420, 1.3119,  
0.6511

■ 0.3541, 0.1504,  
0.0000

■ 79.6535, 79.2745,  
72.7313

■ 79.6535, 79.2745,  
72.7313

■ 72.1318, 68.9475,  
55.6835

■ 88.1963, 90.8313,  
92.6233

■ 65.5857, 59.7990,  
41.3441

95.0500, 100.0000,  
108.9000

■ 59.9749, 51.7888,  
29.5733

■ 55.2538, 44.8709,  
20.2172

■ 51.3724, 38.9956,  
13.1048

■ 48.2756, 34.1091,  
8.0425

■ 45.9002, 30.1523,  
4.8033

■ 44.1693, 27.0572,  
3.0956

■ 43.7813, 26.3426,  
2.7771

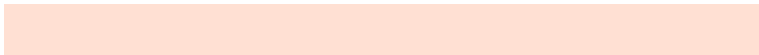
# Harmonies

## Analogous

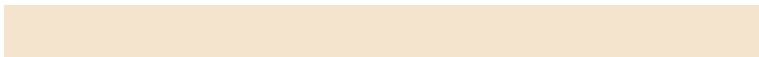
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6860, 79.2745, 80.0816



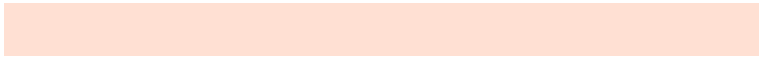
79.6535, 79.2745, 72.7313



76.5053, 79.2745, 69.1117

# Triad

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



79.6535, 79.2745, 72.7313



69.0731, 79.2745, 83.0607



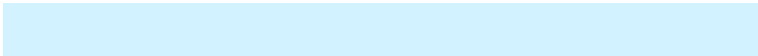
77.6018, 79.2745, 105.2141

# Complementary

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



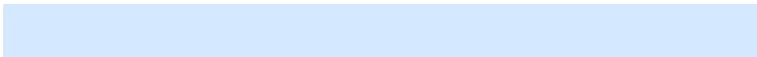
79.6535, 79.2745, 72.7313



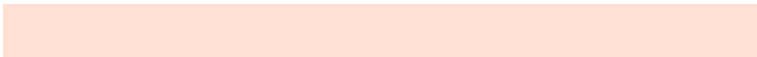
76.6652, 84.5706, 106.8908

# 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.



74.2025, 79.2745, 106.1629



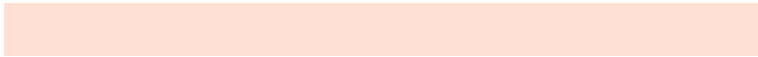
79.6535, 79.2745, 72.7313



69.3466, 79.2745, 92.8668

# Square

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



79.6535, 79.2745, 72.7313



70.4418, 79.2745, 74.7705



71.2006, 79.2745, 101.4960



80.4769, 79.2745, 98.9938



# Rectangle

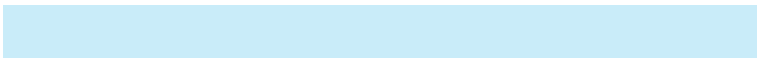
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6535, 79.2745, 72.7313



74.2270, 79.2745, 69.1009



71.2006, 79.2745, 101.4960



76.4803, 79.2745, 106.1772

# Sweetspot

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



79.6554, 79.2779, 72.7330



90.2660, 93.6087, 97.5122



80.6420, 74.2923, 94.5149



19.1813, 19.8493, 20.5419



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

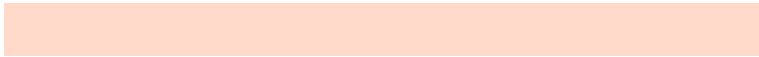


# Same Dimension

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



79.6554, 79.2779, 72.7330



76.7202, 75.2674, 66.0208



85.7920, 91.5510, 74.7785



18.4469, 18.8619, 18.8128



22.9887, 13.9886, 1.4884

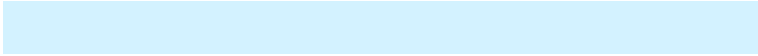


2.3283, 1.5421, 0.1749

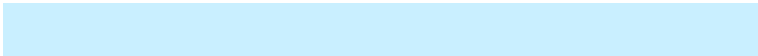


# Inverse Universe

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



76.6652, 84.5706, 106.8908



73.1755, 81.5338, 106.4886



70.6482, 72.5366, 104.8851



18.0749, 19.5214, 23.0653



18.0567, 21.0230, 52.5407

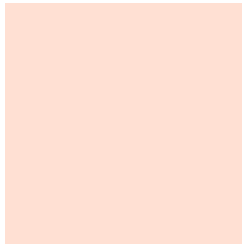


1.8532, 2.2370, 5.1474



# Previews

## White Background



This preview shows how the XYZ color 79.6535, 79.2745, 72.7313 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

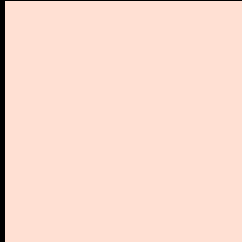
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.6535, 79.2745, 72.7313 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

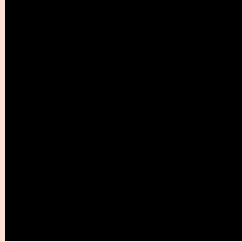
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.6535, 79.2745, 72.7313**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.6535, 79.2745, 72.7313.



This preview shows how white text looks on a background with the XYZ color 79.6535, 79.2745,

72.7313.

# 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

79.6535, 79.2745, 72.7313

### Protanopia

75.6943, 79.6258, 74.9981

### Deuteranopia

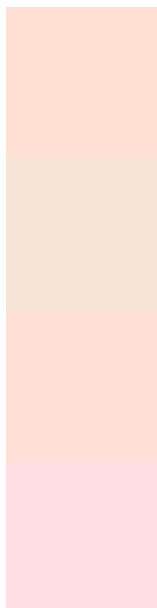
80.1614, 79.4776, 75.4057



## Tritanopia

82.2368, 79.0290, 90.2767

# Trichromacy



## Original Color

79.6535, 79.2745, 72.7313

## Protanomaly

77.0619, 79.5240, 74.2389

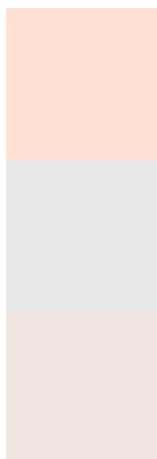
## Deuteranomaly

80.0333, 79.4263, 74.7309

## Tritanomaly

81.2264, 79.0486, 83.6499

# Monochromacy



## Original Color

79.6535, 79.2745, 72.7313

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

77.4090, 79.9457, 81.8722

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.6535, 79.2745, 72.7313 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, 224, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 211)  
}
```

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, 224, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 79.6535, 79.2745, 72.7313 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, 224, 211) }
```



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

```
.border{ border-color:rgb(255, 224, 211) }
```

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

Here you see how a box with a 4 pixel rgb(255, 224, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.6535, 79.2745, 72.7313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 211) }
```

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

```
.background{ background-color: rgb(255,  
224, 211) }
```

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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