

# Converting Colors

XYZ(79.1423, 78.2830, 72.4654)

Have a look what the booklet for  
XYZ(79.1423, 78.2830, 72.4654)  
contains.

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# Color

**XYZ(79.1191, 78.2057,  
72.5532)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFDED3
RGB	255, 222, 211
RGB Percent	100%, 87%, 83%
CMY	0.0000, 0.1294, 0.1725
CMYK	0.00, 0.13, 0.17, 0.00
HSL	15°, 100%, 91%
HSV	15°, 17%, 100%
XYZ	79.1191, 78.2057, 72.5532
YIQ	230.6130, 23.1990, 3.5750

# Conversions

## Conversions Part 2

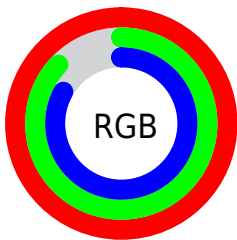
Format	Color
R <sub>Y</sub> B	255, 226, 211
Decimal	16768723
CIE Lab	90.87, 9.68, 9.58
CIE LCh	91, 13.620, 44.683
Yxy	78.2057, 0.3442, 0.3402
Android (android.graphics.Color)	4294958803 (0xFFFFDED3)
YUV	230.6130, -9.6692, 21.3874
Hunter-Lab	88.4340, 4.9388, 13.2610

# Details

The XYZ color **79.1191, 78.2057, 72.5532** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2637, 85.7677, 107.0903**, and the grayscale version is **75.7272, 79.6709, 86.7616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1932, 42.0775, 37.7435** is the 20% darker color. If you saturate the color by 10%, you get **71.3786, 67.4412, 55.4325**, and if you desaturate by 10%, it is **87.9466, 90.3319, 92.5401**.

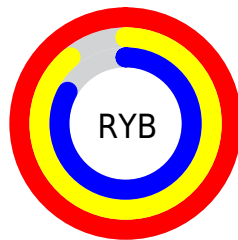
# Distribution



Red (100%)

Green (87%)

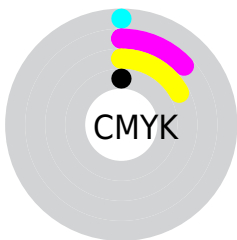
Blue (83%)



Red (100%)

Yellow (89%)

Blue (83%)

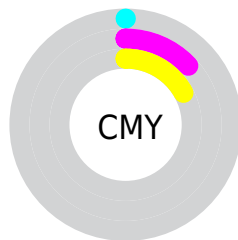


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (13%)


Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1191, 78.2057, 72.5532 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 79.1191, 78.2057, 72.5532 by changing the saturation by 10% instead.




 79.1191, 78.2057,  
72.5532

 79.1191, 78.2057,  
72.5532


480.7410,  
488.8651, 488.4940

 59.2997, 58.2430,  
53.1211


131.0836,  
130.8401, 124.5577

 43.1017, 42.0040,  
37.5111


163.9593,  
164.2805, 157.9673

 30.1598, 29.1044,  
25.3046


201.9179,  
202.9822, 196.8730

 20.1086, 19.1598,  
16.0830

245.3248,  
247.3297, 241.6935

 12.5827, 11.7858,  
9.4279

294.5451,  
297.7074, 292.8473

 7.2169, 6.5980,  
4.9207

349.9444,

 3.6456, 3.2120,

354.4996, 350.7530

2.1429

411.8879,  
418.0907, 415.8290

■ 1.5037, 1.2434,  
0.6411

■ 0.3283, 0.0967,  
0.0000

■ 79.1191, 78.2057,  
72.5532

■ 79.1191, 78.2057,  
72.5532

■ 71.3786, 67.4412,  
55.4325

■ 87.9466, 90.3319,  
92.5401

■ 64.6764, 57.9803,  
41.0410

95.0500, 100.0000,  
108.9000

■ 58.9684, 49.7758,  
29.2379

■ 54.2051, 42.7736,  
19.8677

■ 50.3323, 36.9154,  
12.7581

■ 47.2900, 32.1381,  
7.7140

■ 45.0098, 28.3714,  
4.5065

■ 43.4083, 25.5352,  
2.8420

■ 43.0610, 24.9019,  
2.5370

# Harmonies

## Analogous

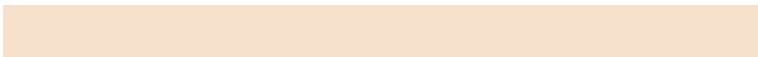
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8941, 78.2057, 80.4556



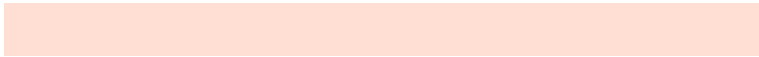
79.1191, 78.2057, 72.5532



76.0874, 78.2057, 68.2087

# Triad

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



79.1191, 78.2057, 72.5532



68.1529, 78.2057, 80.2617



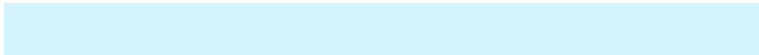
76.0159, 78.2057, 104.7552

# Complementary

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



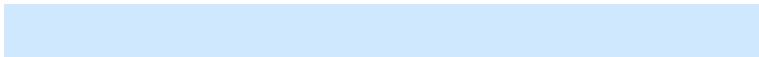
79.1191, 78.2057, 72.5532



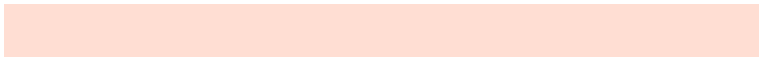
77.2637, 85.7677, 107.0903

# 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.



72.6042, 78.2057, 104.6932



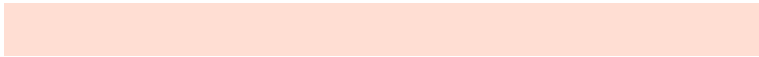
79.1191, 78.2057, 72.5532



68.1351, 78.2057, 90.0291

# Square

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



79.1191, 78.2057, 72.5532



69.7917, 78.2057, 72.4207



69.7423, 78.2057, 99.1325



79.0654, 78.2057, 99.2958

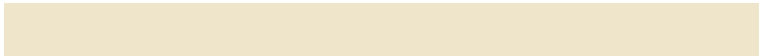


# Rectangle

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



79.1191, 78.2057, 72.5532



73.7951, 78.2057, 67.6860



69.7423, 78.2057, 99.1325



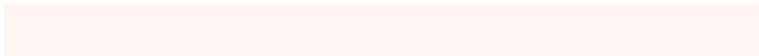
74.8718, 78.2057, 105.3921

# Sweetspot

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



79.1210, 78.2091, 72.5548



90.0900, 93.2566, 97.4535



80.8639, 74.3810, 95.6833



19.1386, 19.7640, 20.5277



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

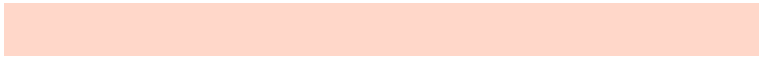


# Same Dimension

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



79.1210, 78.2091, 72.5548



76.0963, 74.0195, 65.8128



85.3489, 90.6648, 74.6308



18.3784, 18.7251, 18.7900



22.5990, 13.2092, 1.3585

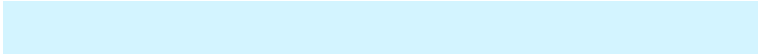


2.2826, 1.4506, 0.1597

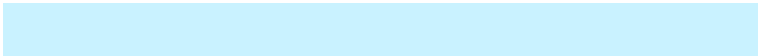


# Inverse Universe

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



77.2637, 85.7677, 107.0903



73.8937, 82.9702, 106.7280



71.0360, 73.3123, 105.0144



18.1475, 19.6667, 23.0895



19.3165, 23.5426, 52.9607

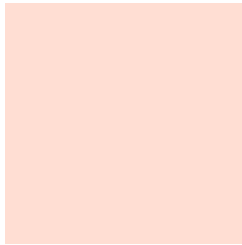


1.9673, 2.4653, 5.1854



# Previews

## White Background



This preview shows how the XYZ color 79.1191, 78.2057, 72.5532 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

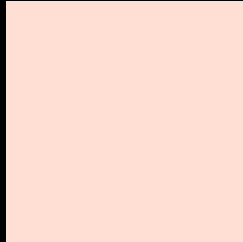
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.1191, 78.2057, 72.5532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

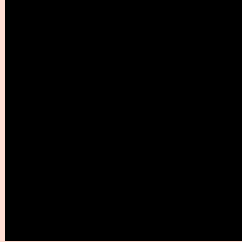
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 79.1191, 78.2057, 72.5532

## Background



This preview shows how black text looks on a background with the XYZ color 79.1191, 78.2057, 72.5532.



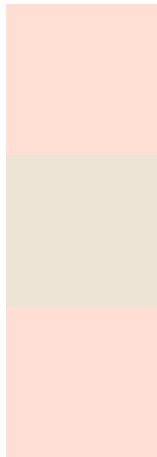
This preview shows how white text looks on a background with the XYZ color 79.1191, 78.2057,

72.5532.

# 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

79.1191, 78.2057, 72.5532

### Protanopia

74.8061, 78.3464, 74.7980

### Deuteranopia

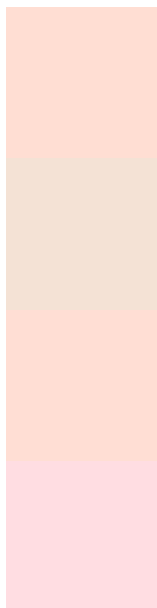
79.3715, 78.3066, 73.8822



## Tritanopia

81.8286, 78.4446, 89.4257

# Trichromacy



## Original Color

79.1191, 78.2057, 72.5532

## Protanomaly

76.5148, 78.4299, 74.0565

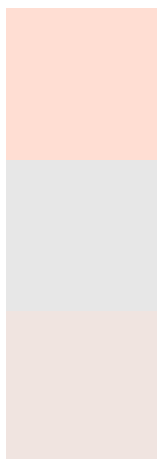
## Deuteranomaly

79.2449, 78.2560, 73.2156

## Tritanomaly

80.8239, 78.4639, 82.8367

# Monochromacy



## Original Color

79.1191, 78.2057, 72.5532

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

77.1331, 79.3939, 81.7802

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.1191, 78.2057, 72.5532 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, 222, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 79.1191, 78.2057, 72.5532 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, 222, 211) }
```



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

```
.border{ border-color:rgb(255, 222, 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, 222, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.1191, 78.2057, 72.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 211) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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