

# Converting Colors

XYZ(76.0237, 79.5113, 72.7405)

Have a look what the booklet for  
XYZ(76.0237, 79.5113, 72.7405)  
contains.

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# Color

**XYZ(76.0528, 79.4425,  
72.9535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1E5D3
RGB	241, 229, 211
RGB Percent	95%, 90%, 83%
CMY	0.0549, 0.1019, 0.1725
CMYK	0.00, 0.05, 0.12, 0.05
HSL	36°, 52%, 89%
HSV	36°, 12%, 95%
XYZ	76.0528, 79.4425, 72.9535
YIQ	230.5360, 12.9300, -3.0540

# Conversions

## Conversions Part 2

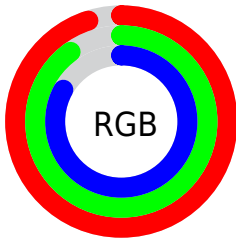
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 241, 211
Decimal	15853011
CIE <sub>Lab</sub>	91.43, 1.11, 10.22
CIE <sub>LCh</sub>	91, 10.283, 83.794
Yxy	79.4425, 0.3329, 0.3477
Android (android.graphics.Color)	4294043091 (0xFFFF1E5D3)
YUV	230.5360, -9.6312, 9.1769
Hunter-Lab	89.1305, -3.6689, 13.8624

# Details

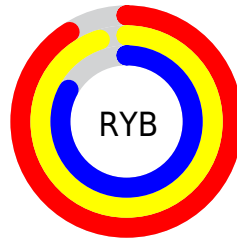
The XYZ color **76.0528, 79.4425, 72.9535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.1286, 72.9738, 93.6618**, and the grayscale version is **75.6752, 79.6162, 86.7021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1444, 42.9867, 37.5812** is the 20% darker color. If you saturate the color by 10%, you get **70.6631, 73.1406, 57.3517**, and if you desaturate by 10%, it is **82.0479, 86.2287, 90.9938**.

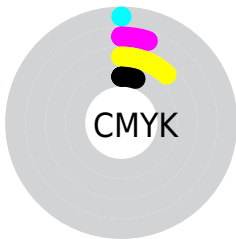
# Distribution



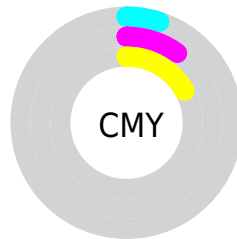
- Red (95%)
- Green (90%)
- Blue (83%)



- Red (91%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0528, 79.4425, 72.9535 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 76.0528, 79.4425, 72.9535 by changing the saturation by 10% instead.



76.0528, 79.4425,  
72.9535

76.0528, 79.4425,  
72.9535

470.4700,  
493.0520, 489.9201

56.7730, 59.2597,  
53.4464

126.7815,  
132.5816, 125.1315

41.0625, 42.8222,  
37.7690

158.9611,  
166.3067, 158.6394

28.5558, 29.7456,  
25.5030

196.1714,  
205.3148, 197.6514

18.8876, 19.6456,  
16.2298

238.7777,  
249.9901, 242.5859

11.6926, 12.1377,  
9.5308

287.1453,  
300.7170, 293.8614

6.6054, 6.8375,  
4.9875

341.6397,

3.2607, 3.3607,

357.8801, 351.8966

2.1813

402.6262,  
421.8636, 417.1100

■ 1.2931, 1.3228,  
0.6636

■ 0.1780, 0.1588,  
0.0000

■ 76.0528, 79.4425,  
72.9535

■ 76.0528, 79.4425,  
72.9535

■ 70.6631, 73.1406,  
57.3517

■ 82.0479, 86.2287,  
90.9938

■ 65.8498, 67.2996,  
44.0766

■ 87.9791, 93.2272,  
107.9654

■ 61.5910, 61.9096,  
33.0154

■ 90.0860, 97.4410,  
108.6677

■ 57.8609, 56.9561,  
24.0437

■ 54.6309, 52.4238,  
17.0245

■ 51.8695, 48.2957,  
11.8046

■ 49.5407, 44.5530,  
8.2073

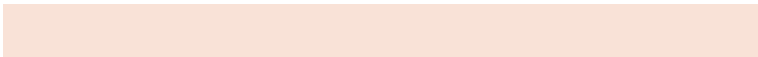
■ 47.6012, 41.1740,  
6.0194

■ 46.3460, 38.8409,  
5.0544

# Harmonies

## Analogous

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



78.5182, 79.4425, 75.3880



76.0528, 79.4425, 72.9535



73.4964, 79.4425, 73.9759

# Triad

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



76.0528, 79.4425, 72.9535



70.9979, 79.4425, 92.4427



79.6398, 79.4425, 95.2911

# Complementary

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



76.0528, 79.4425, 72.9535



69.1286, 72.9738, 93.6618

# 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.



77.5554, 79.4425, 100.3620



76.0528, 79.4425, 72.9535



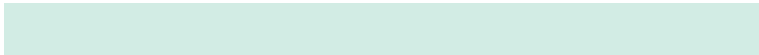
72.5752, 79.4425, 98.6522

# Square

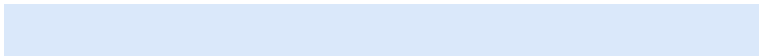
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0528, 79.4425, 72.9535



70.6166, 79.4425, 84.9514



74.9652, 79.4425, 101.6261



80.6197, 79.4425, 88.0661



# Rectangle

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



76.0528, 79.4425, 72.9535



72.0797, 79.4425, 76.5117



74.9652, 79.4425, 101.6261



79.0427, 79.4425, 97.3205

# Sweetspot

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



76.0550, 79.4460, 72.9552



92.1636, 96.7857, 100.0502



72.8901, 70.6181, 79.6020



19.6133, 20.5889, 21.0697



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

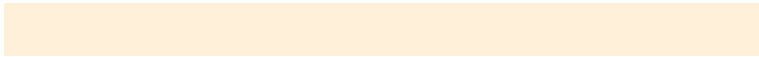


# Same Dimension

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



76.0550, 79.4460, 72.9552



84.8054, 88.4038, 78.0692



78.4739, 85.7918, 74.0526



16.5619, 17.3368, 16.6232



25.2677, 21.3334, 2.7860



2.1991, 1.9688, 0.2641

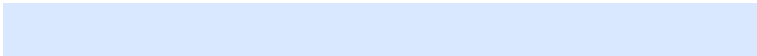


# Inverse Universe

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



69.1286, 72.9738, 93.6618



75.4601, 79.6716, 106.0087



66.9040, 67.2367, 92.6716



15.4160, 16.2660, 20.0488



11.0196, 8.2634, 46.1421

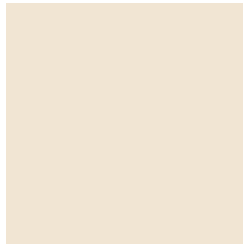


1.0115, 0.8770, 3.8702



# Previews

## White Background



This preview shows how the XYZ color 76.0528, 79.4425, 72.9535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

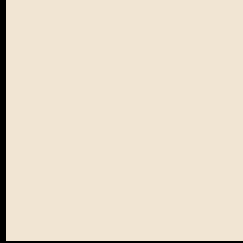
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.0528, 79.4425, 72.9535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

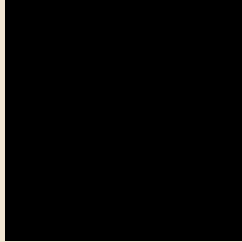
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.0528, 79.4425, 72.9535**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.0528, 79.4425, 72.9535.



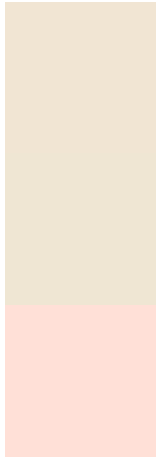
This preview shows how white text looks on a background with the XYZ color 76.0528, 79.4425,

72.9535.

# 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

76.0528, 79.4425, 72.9535

### Protanopia

75.6513, 79.6475, 73.0143

### Deuteranopia

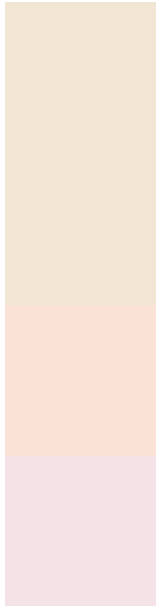
80.1614, 79.4776, 75.4057



## Tritanopia

80.3389, 79.1346, 95.0446

# Trichromacy



## Original Color

76.0528, 79.4425, 72.9535

## Protanomaly

75.9899, 79.8220, 73.0301

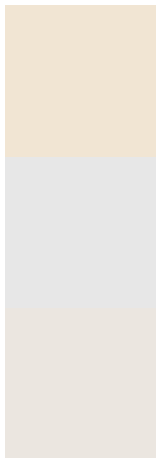
## Deuteranomaly

78.7583, 79.5717, 74.8262

## Tritanomaly

78.9284, 79.3953, 86.7662

# Monochromacy



## Original Color

76.0528, 79.4425, 72.9535

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

76.0123, 79.6376, 81.8863

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.0528, 79.4425, 72.9535 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(241, 229, 211) looks like.

```
.text, #text, p{  
    color:rgb(241, 229, 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(241, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 76.0528, 79.4425, 72.9535 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(241, 229, 211) }
```



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

```
.border{ border-color:rgb(241, 229, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 229, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 229, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 229, 211);  
box-shadow:4px 4px 4px 4px rgb(241, 229,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.0528, 79.4425, 72.9535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 211) }
```

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

```
.background{ background-color: rgb(241,  
229, 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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