

Converting Colors

XYZ(77.9682, 79.4393, 72.4516)

Have a look what the booklet for
XYZ(77.9682, 79.4393, 72.4516)
contains.

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Color

**XYZ(78.1689, 79.7311,
72.2425)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E3D2
RGB	249, 227, 210
RGB Percent	98%, 89%, 82%
CMY	0.0235, 0.1098, 0.1765
CMYK	0.00, 0.09, 0.16, 0.02
HSL	26°, 76%, 90%
HSV	26°, 16%, 98%
XYZ	78.1689, 79.7311, 72.2425
YIQ	231.6400, 18.5690, -0.6230

Conversions

Conversions Part 2

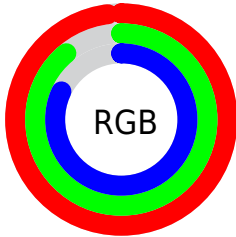
Format	Color
R _Y B	249, 240, 210
Decimal	16376786
CIE Lab	91.56, 4.82, 11.02
CIE LCh	92, 12.025, 66.382
Yxy	79.7311, 0.3397, 0.3464
Android (android.graphics.Color)	4294566866 (0xFFFF9E3D2)
YUV	231.6400, -10.6685, 15.2247
Hunter-Lab	89.2923, 0.0023, 14.5356

Details

The XYZ color **78.1689, 79.7311, 72.2425** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.5335, 78.2527, 100.9046**, and the grayscale version is **76.5020, 80.4860, 87.6493**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4915, 43.1118, 37.5344** is the 20% darker color. If you saturate the color by 10%, you get **71.6199, 71.2169, 55.9267**, and if you desaturate by 10%, it is **85.5183, 89.0722, 91.2083**.

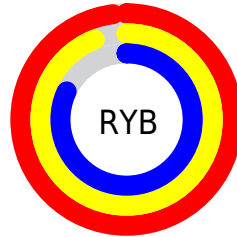
Distribution



Red (98%)

Green (89%)

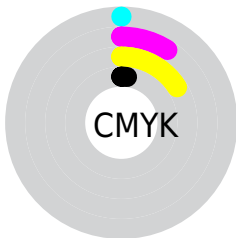
Blue (82%)



Red (98%)

Yellow (94%)

Blue (82%)

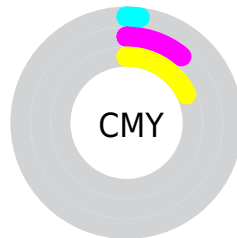


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1689, 79.7311, 72.2425 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 78.1689, 79.7311, 72.2425 by changing the saturation by 10% instead.


 78.1689, 79.7311,
72.2425

 78.1689, 79.7311,
72.2425


477.5713,
494.0262, 487.3854

 58.5160, 59.4971,
52.8687


129.7523,
132.9876, 124.1122

 42.4685, 43.0134,
37.3110


162.4135,
166.7789, 157.4452

 29.6610, 29.8956,
25.1507


200.1415,
205.8581, 196.2683

 19.7282, 19.7594,
15.9693

243.3017,
250.6096, 241.0002

 12.3048, 12.2203,
9.3483

292.2594,
301.4177, 292.0593

 7.0253, 6.8939,
4.8692

347.3800,

 3.5244, 3.3958,

358.6669, 349.8642

2.1133

409.0289,
422.7416, 414.8334

■ 1.4367, 1.3417,
0.6237

■ 0.2822, 0.1732,
0.0000

■ 78.1689, 79.7311,
72.2425

■ 78.1689, 79.7311,
72.2425

■ 71.6199, 71.2169,
55.9267

■ 85.5183, 89.0722,
91.2083

■ 65.8350, 63.4950,
42.1361

■ 92.8772, 98.8799,
108.7983

■ 60.7848, 56.5440,
30.7435

■ 56.4351, 50.3374,
21.6083

■ 52.7484, 44.8468,
14.5753

■ 49.6834, 40.0417,
9.4690

■ 47.1924, 35.8881,
6.0850

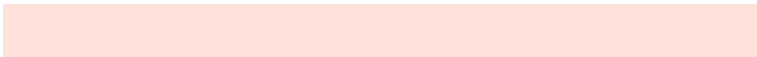
■ 45.2186, 32.3479,
4.1711

■ 44.4900, 30.9855,
3.6359

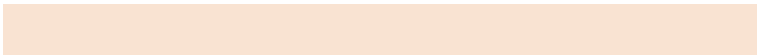
Harmonies

Analogous

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



80.6288, 79.7311, 77.1774



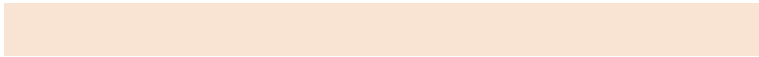
78.1689, 79.7311, 72.2425



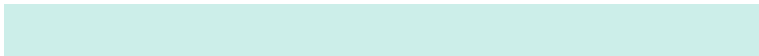
75.1285, 79.7311, 71.0899

Triad

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



78.1689, 79.7311, 72.2425



70.0720, 79.7311, 88.7043



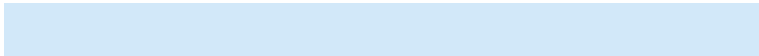
79.3336, 79.7311, 101.1306

Complementary

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



78.1689, 79.7311, 72.2425



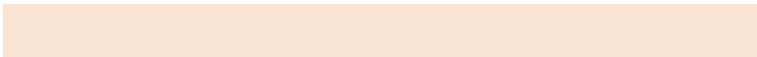
72.5335, 78.2527, 100.9046

Split Complementary

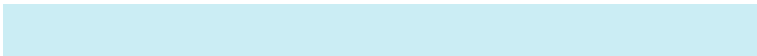
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4393, 79.7311, 104.7001



78.1689, 79.7311, 72.2425



71.1335, 79.7311, 97.2203

Square

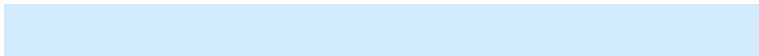
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1689, 79.7311, 72.2425



70.5070, 79.7311, 80.2225



73.4442, 79.7311, 103.2230



81.3138, 79.7311, 93.7562

Rectangle

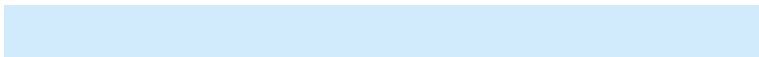
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1689, 79.7311, 72.2425



73.1920, 79.7311, 72.5475



73.4442, 79.7311, 103.2230



78.4324, 79.7311, 102.8371

Sweetspot

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



78.1711, 79.7347, 72.2442



90.8134, 94.7034, 97.6946



76.6941, 72.0659, 86.2872



19.3141, 20.1149, 20.5862



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.



78.1711, 79.7347, 72.2442



80.1017, 81.0513, 70.1661



83.7781, 90.9488, 74.1132



17.8672, 18.4703, 18.0858



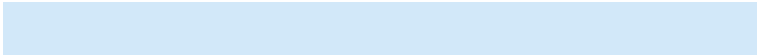
23.9501, 16.8569, 1.9914



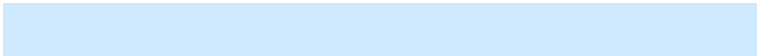
2.3215, 1.7679, 0.2189

Inverse Universe

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



72.5335, 78.2527, 100.9046



73.0438, 79.1951, 106.0441



67.3720, 67.9299, 99.1841



17.0953, 18.2675, 22.0103



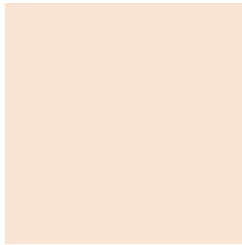
14.3505, 14.0566, 49.9304



1.4346, 1.5128, 4.6596

Previews

White Background



This preview shows how the XYZ color 78.1689, 79.7311, 72.2425 looks on a white background.

Color Contrast Check

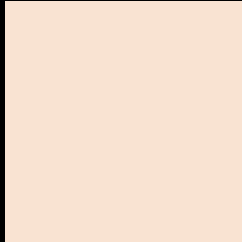
Large Text (above 18pt) WCAG AA × Fail

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 78.1689, 79.7311, 72.2425 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 78.1689, 79.7311, 72.2425

Background



This preview shows how black text looks on a background with the XYZ color 78.1689, 79.7311, 72.2425.

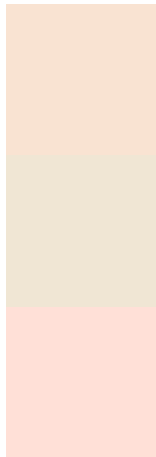


This preview shows how white text looks on a background with the XYZ color 78.1689, 79.7311,

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

78.1689, 79.7311, 72.2425

Protanopia

76.1157, 79.8724, 73.6925

Deuteranopia

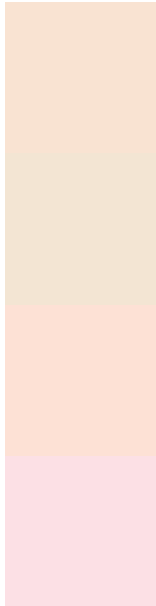
80.1614, 79.4776, 75.4057



Tritanopia

82.6239, 79.9493, 93.5151

Trichromacy



Original Color

78.1689, 79.7311, 72.2425

Protanomaly

76.7393, 79.7965, 72.9857

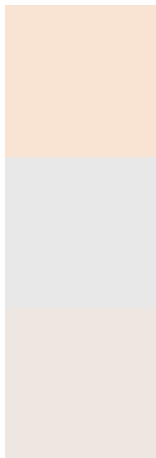
Deuteranomaly

79.4435, 79.5372, 74.1159

Tritanomaly

80.9434, 79.6639, 85.2392

Monochromacy



Original Color

78.1689, 79.7311, 72.2425

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0113, 80.1526, 81.9331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1689, 79.7311, 72.2425 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(249, 227, 210) looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 210)  
}
```

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(249, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 210) }
```

Border

The CSS property to change the border of an element to XYZ 78.1689, 79.7311, 72.2425 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(249, 227, 210) }
```


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

```
.border{ border-color:rgb(249, 227, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 227,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1689, 79.7311, 72.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 210) }
```

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

```
.background{ background-color: rgb(249,  
227, 210) }
```

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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