

Converting Colors

XYZ(76.1061, 79.1336, 71.6503)

Have a look what the booklet for
XYZ(76.1061, 79.1336, 71.6503)
contains.

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Color

**XYZ(76.2142, 79.1449,
71.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E4D1
RGB	243, 228, 209
RGB Percent	95%, 89%, 82%
CMY	0.0471, 0.1059, 0.1804
CMYK	0.00, 0.06, 0.14, 0.05
HSL	34°, 59%, 89%
HSV	34°, 14%, 95%
XYZ	76.2142, 79.1449, 71.5812
YIQ	230.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

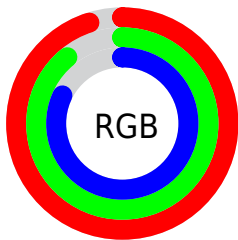
Format	Color
R _Y B	236, 243, 209
Decimal	15983825
CIE Lab	91.30, 2.02, 11.10
CIE LCh	91, 11.278, 79.688
Yxy	79.1449, 0.3358, 0.3487
Android (android.graphics.Color)	4294173905 (0xFFFF3E4D1)
YUV	230.3190, -10.5103, 11.1212
Hunter-Lab	88.9634, -2.7666, 14.5688

Details

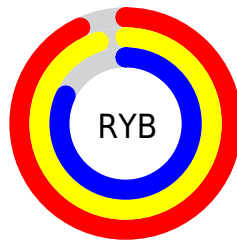
The XYZ color **76.2142, 79.1449, 71.5812** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.1277, 73.3364, 95.3068**, and the grayscale version is **75.5194, 79.4523, 86.5236**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3535, 42.8185, 37.0956** is the 20% darker color. If you saturate the color by 10%, you get **70.5752, 72.3196, 55.9733**, and if you desaturate by 10%, it is **82.4992, 86.5264, 89.6702**.

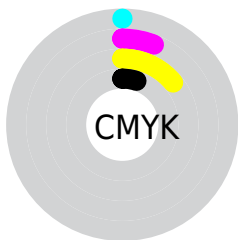
Distribution



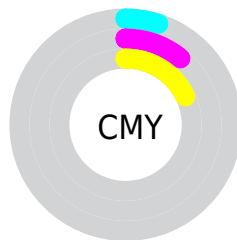
- Red (95%)
- Green (89%)
- Blue (82%)



- Red (93%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2142, 79.1449, 71.5812 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 76.2142, 79.1449, 71.5812 by changing the saturation by 10% instead.

76.2142, 79.1449,
71.5812

76.2142, 79.1449,
71.5812

471.0138,
492.0464, 485.0209

56.9058, 59.0150,
52.3319

127.0084,
132.1628, 123.1631

41.1695, 42.6252,
36.8856

159.2249,
165.8196, 156.3328

28.6398, 29.5911,
24.8239

196.4749,
204.7541, 194.9796

18.9514, 19.5284,
15.7280

239.1237,
249.3507, 239.5222

11.7390, 12.0527,
9.1797

287.5366,
299.9939, 290.3791

6.6371, 6.7796,
4.7601

342.0790,

3.2805, 3.3247,

357.0679, 347.9688

2.0510

403.1163,
420.9573, 412.7099

■ 1.3038, 1.3035,
0.5863

■ 0.1861, 0.1439,
0.0000

■ 76.2142, 79.1449,
71.5812

■ 76.2142, 79.1449,
71.5812

■ 70.5752, 72.3196,
55.9733

■ 82.4992, 86.5264,
89.6702

■ 65.5519, 66.0250,
42.7313

■ 89.0246, 94.2990,
108.1172

■ 61.1205, 60.2491,
31.7382

■ 90.7725, 97.7949,
108.6998

■ 57.2535, 54.9751,
22.8650

■ 53.9204, 50.1853,
15.9694

■ 51.0874, 45.8600,
10.8914

■ 48.7156, 41.9778,
7.4458

■ 46.7586, 38.5135,
5.4066

■ 45.7422, 36.6143,
4.6564

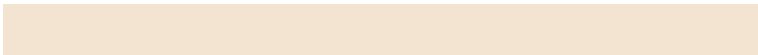
Harmonies

Analogous

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



78.8414, 79.1449, 74.7077



76.2142, 79.1449, 71.5812



73.3861, 79.1449, 72.1720

Triad

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



76.2142, 79.1449, 71.5812



70.1616, 79.1449, 91.5948



79.4996, 79.1449, 96.7786

Complementary

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



76.2142, 79.1449, 71.5812



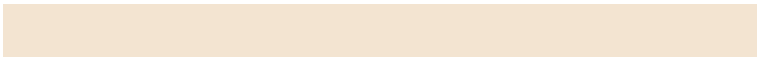
69.1277, 73.3364, 95.3068

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.



77.0941, 79.1449, 101.8821



76.2142, 79.1449, 71.5812



71.7206, 79.1449, 98.7603

Square

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



76.2142, 79.1449, 71.5812



69.9396, 79.1449, 83.3849



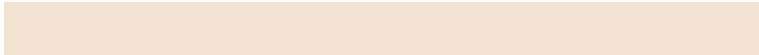
74.2441, 79.1449, 102.6294



80.7699, 79.1449, 89.0273

Rectangle

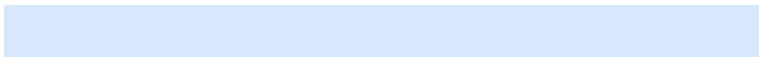
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2142, 79.1449, 71.5812



71.7650, 79.1449, 74.6075



74.2441, 79.1449, 102.6294



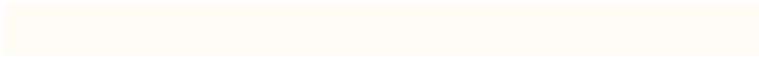
78.7941, 79.1449, 98.8810

Sweetspot

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



76.2163, 79.1484, 71.5829



92.0325, 96.5236, 100.0065



73.2589, 70.0549, 80.3963



19.5801, 20.5225, 21.0586



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.



76.2163, 79.1484, 71.5829



83.0407, 85.9180, 74.2632



79.9382, 87.4591, 72.9909



17.2675, 18.0191, 17.3655



25.2414, 20.3685, 2.6011



2.3208, 1.9948, 0.2627

Inverse Universe

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



69.1277, 73.3364, 95.3068



73.6120, 78.1879, 105.8197



65.7573, 65.8778, 94.0447



16.1826, 17.1296, 20.9960



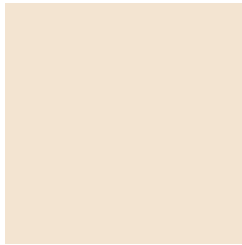
11.9038, 9.6013, 47.7639



1.1468, 1.0451, 4.2315

Previews

White Background



This preview shows how the XYZ color 76.2142, 79.1449, 71.5812 looks on a white background.

Color Contrast Check

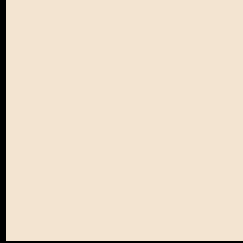
Large Text (above 18pt) WCAG AA × Fail

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 76.2142, 79.1449, 71.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

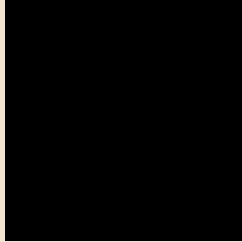
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2142, 79.1449, 71.5812

Background



This preview shows how black text looks on a background with the XYZ color 76.2142, 79.1449, 71.5812.

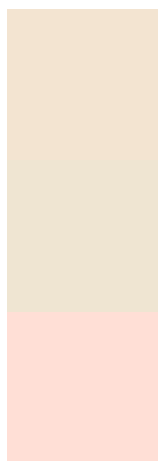


This preview shows how white text looks on a background with the XYZ color 76.2142, 79.1449,

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

76.2142, 79.1449, 71.5812

Protanopia

75.2488, 79.0425, 72.2635

Deuteranopia

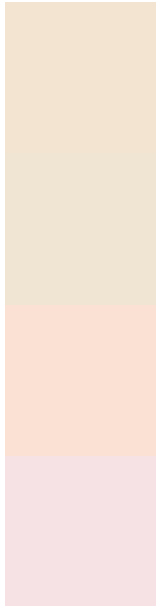
79.7653, 78.8904, 74.6416



Tritanopia

80.6226, 78.9004, 94.1991

Trichromacy



Original Color

76.2142, 79.1449, 71.5812

Protanomaly

75.5873, 79.2170, 72.2793

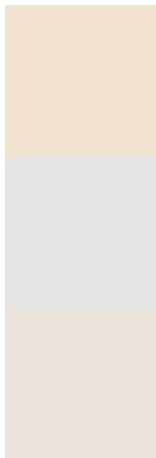
Deuteranomaly

78.5925, 79.1131, 73.4154

Tritanomaly

79.0741, 79.1004, 85.2290

Monochromacy



Original Color

76.2142, 79.1449, 71.5812

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.4651, 78.9747, 80.3734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2142, 79.1449, 71.5812 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(243, 228, 209) looks like.

```
.text, #text, p{  
    color:rgb(243, 228, 209)  
}
```

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(243, 228, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 228, 209) }
```

Border

The CSS property to change the border of an element to XYZ 76.2142, 79.1449, 71.5812 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(243, 228, 209) }
```


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

```
.border{ border-color:rgb(243, 228, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 228, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 228, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 228, 209); box-shadow:4px 4px 4px 4px rgb(243, 228, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2142, 79.1449, 71.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 228, 209) }
```

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

```
.background{ background-color: rgb(243,  
228, 209) }
```

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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