

Converting Colors

XYZ(74.1645, 78.1507, 74.4626)

Have a look what the booklet for
XYZ(74.1645, 78.1507, 74.4626)
contains.

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Color

**XYZ(74.1420, 78.0040,
74.7669)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE4D6
RGB	235, 228, 214
RGB Percent	92%, 89%, 84%
CMY	0.0784, 0.1059, 0.1608
CMYK	0.00, 0.03, 0.09, 0.08
HSL	40°, 34%, 88%
HSV	40°, 9%, 92%
XYZ	74.1420, 78.0040, 74.7669
YIQ	228.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

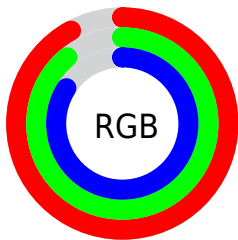
Format	Color
R _Y B	225, 235, 214
Decimal	15459542
CIE Lab	90.78, 0.00, 7.66
CIE LCh	91, 7.660, 89.976
Yxy	78.0040, 0.3267, 0.3438
Android (android.graphics.Color)	4293649622 (0xFFEBE4D6)
YUV	228.4970, -7.1470, 5.7031
Hunter-Lab	88.3199, -4.7141, 11.6322

Details

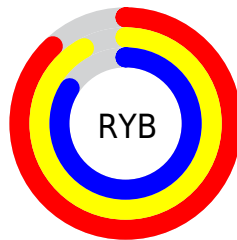
The XYZ color **74.1420, 78.0040, 74.7669** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5834, 72.0061, 88.8821**, and the grayscale version is **74.1549, 78.0168, 84.9602**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7920, 41.9740, 38.8054** is the 20% darker color. If you saturate the color by 10%, you get **69.2502, 72.6814, 59.3821**, and if you desaturate by 10%, it is **79.5687, 83.7017, 92.4680**.

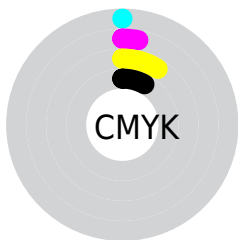
Distribution



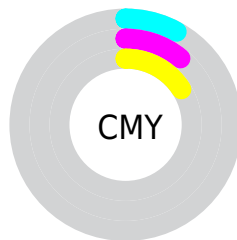
- Red (92%)
- Green (89%)
- Blue (84%)



- Red (88%)
- Yellow (92%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1420, 78.0040, 74.7669 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 74.1420, 78.0040, 74.7669 by changing the saturation by 10% instead.

74.1420, 78.0040,
74.7669

74.1420, 78.0040,
74.7669

464.0061,
488.1804, 496.3500

55.2020, 58.0773,
54.9214

124.0915,
130.5558, 127.7264

39.7979, 41.8708,
38.9406

155.8317,
163.9496, 161.6775

27.5645, 29.0001,
26.4060

192.5693,
202.6012, 201.1674

18.1364, 19.0809,
16.8992

234.6697,
246.8950, 246.6149

11.1483, 11.7288,
10.0014

282.4982,
297.2155, 298.4383

6.2347, 6.5593,
5.2943

336.4202,

3.0303, 3.1880,

353.9469, 357.0563

2.3592

396.8010,
417.4738, 422.8873

■ 1.1698, 1.2307,
0.7641

■ 0.0823, 0.0865,
0.0000

■ 74.1420, 78.0040,
74.7669

■ 74.1420, 78.0040,
74.7669

■ 69.2502, 72.6814,
59.3821

■ 79.5687, 83.7017,
92.4680

■ 64.8672, 67.7137,
46.2111

■ 84.5608, 89.3811,
107.4032

■ 60.9739, 63.0939,
35.1508

■ 86.9624, 94.1844,
108.2037

■ 57.5477, 58.8107,
26.0882

■ 88.0714, 96.4024,
108.5734

■ 54.5638, 54.8521,
18.8993

■ 51.9947, 51.2048,
13.4466

■ 49.8093, 47.8541,
9.5730

■ 47.9709, 44.7831,
7.0930

■ 46.4249, 41.9674,
5.7255

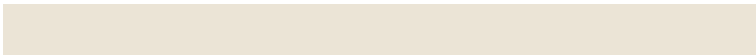
Harmonies

Analogous

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



76.0081, 78.0040, 76.0811



74.1420, 78.0040, 74.7669



72.3063, 78.0040, 76.0770

Triad

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



74.1420, 78.0040, 74.7669



70.9800, 78.0040, 90.3407



77.3918, 78.0040, 90.3487

Complementary

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



74.1420, 78.0040, 74.7669



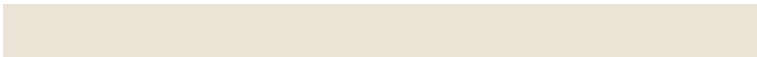
68.5834, 72.0061, 88.8821

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.



76.0054, 78.0040, 94.4511



74.1420, 78.0040, 74.7669



72.3037, 78.0040, 94.4464

Square

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



74.1420, 78.0040, 74.7669



70.5001, 78.0040, 84.9287



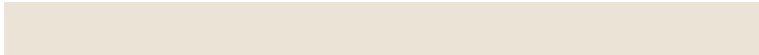
74.1389, 78.0040, 95.9814



77.9040, 78.0040, 84.9375

Rectangle

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



74.1420, 78.0040, 74.7669



71.3418, 78.0040, 78.2962



74.1389, 78.0040, 95.9814



77.0114, 78.0040, 91.9348

Sweetspot

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



74.1441, 78.0074, 74.7686



93.0350, 97.9018, 102.2726



71.3597, 70.9769, 78.3466



19.8002, 20.8365, 21.5208



0.0000, 0.0000, 0.0000



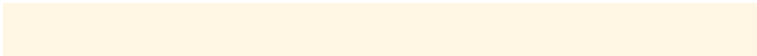
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1441, 78.0074, 74.7686



87.9493, 92.5055, 85.8568



74.9636, 81.3450, 75.3696



15.9047, 16.7324, 15.9101



25.8731, 23.4405, 3.1608



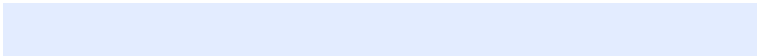
2.1194, 2.0162, 0.2775

Inverse Universe

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



68.5834, 72.0061, 88.8821



79.7931, 83.7033, 106.5586



67.8072, 68.9209, 88.3275



14.6412, 15.3688, 19.1171



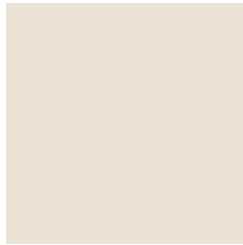
9.9780, 6.6030, 44.4916



0.8690, 0.6896, 3.5222

Previews

White Background



This preview shows how the XYZ color 74.1420, 78.0040, 74.7669 looks on a white background.

Color Contrast Check

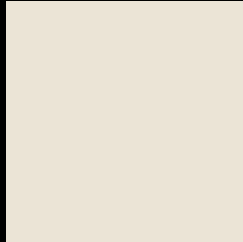
Large Text (above 18pt) WCAG AA × Fail

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 74.1420, 78.0040, 74.7669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

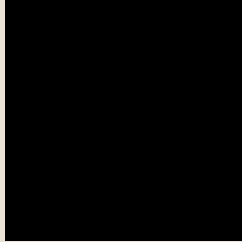
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

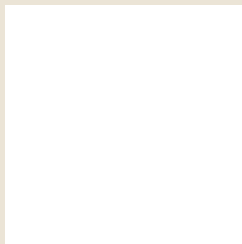
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1420, 78.0040, 74.7669

Background



This preview shows how black text looks on a background with the XYZ color 74.1420, 78.0040, 74.7669.



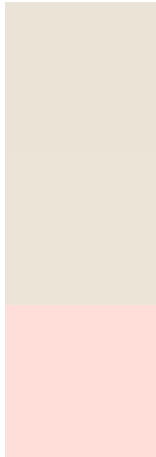
This preview shows how white text looks on a background with the XYZ color 74.1420, 78.0040,

74.7669.

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

74.1420, 78.0040, 74.7669

Protanopia

74.4731, 78.1747, 74.7824

Deuteranopia

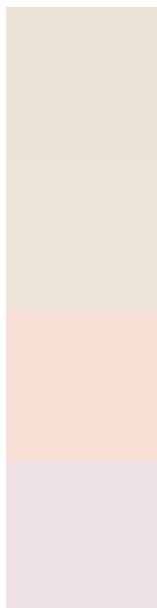
79.4911, 77.9308, 75.8183



Tritanopia

78.2793, 78.0728, 94.9482

Trichromacy



Original Color

74.1420, 78.0040, 74.7669

Protanomaly

74.4731, 78.1747, 74.7824

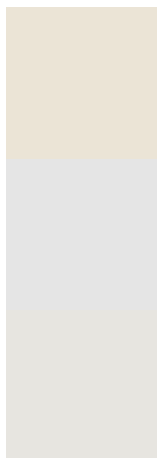
Deuteranomaly

77.6328, 78.1741, 75.2874

Tritanomaly

76.7506, 77.8538, 87.3260

Monochromacy



Original Color

74.1420, 78.0040, 74.7669

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4289, 78.4094, 81.7327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1420, 78.0040, 74.7669 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(235, 228, 214) looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 214)  
}
```

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(235, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.1420, 78.0040, 74.7669 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(235, 228, 214) }
```


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

```
.border{ border-color:rgb(235, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1420, 78.0040, 74.7669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 214) }
```

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

```
.background{ background-color: rgb(235,  
228, 214) }
```

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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