

Converting Colors

XYZ(71.9977, 74.1052, 77.9485)

Have a look what the booklet for
XYZ(71.9977, 74.1052, 77.9485)
contains.

XYZ(72.0534, 74.0360, 78.2029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.0534, 74.0360,
78.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DDDC
RGB	232, 221, 220
RGB Percent	91%, 87%, 86%
CMY	0.0902, 0.1333, 0.1372
CMYK	0.00, 0.05, 0.05, 0.09
HSL	5°, 21%, 89%
HSV	5°, 5%, 91%
XYZ	72.0534, 74.0360, 78.2029
YIQ	224.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

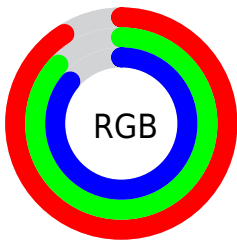
Format	Color
R _Y B	232, 221, 220
Decimal	15261148
CIE Lab	88.94, 3.58, 1.82
CIE LCh	89, 4.017, 26.958
Yxy	74.0360, 0.3212, 0.3301
Android (android.graphics.Color)	4293451228 (0xFFE8DDDC)
YUV	224.1750, -2.0583, 6.8625
Hunter-Lab	86.0442, -1.1014, 6.3441

Details

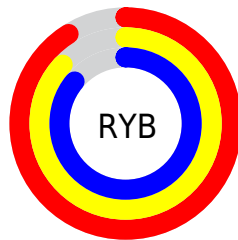
The XYZ color **72.0534, 74.0360, 78.2029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6565, 78.1924, 87.6080**, and the grayscale version is **70.9892, 74.6862, 81.3332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3322, 39.2192, 41.1470** is the 20% darker color. If you saturate the color by 10%, you get **63.9300, 62.3694, 61.3731**, and if you desaturate by 10%, it is **81.3182, 87.3011, 97.5187**.

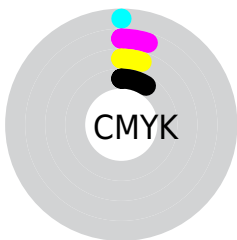
Distribution



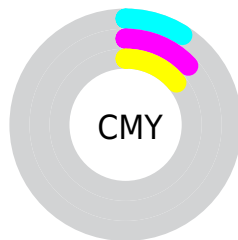
- Red (91%)
- Green (87%)
- Blue (86%)



- Red (91%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0534, 74.0360, 78.2029 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 72.0534, 74.0360, 78.2029 by changing the saturation by 10% instead.

72.0534, 74.0360,
78.2029

72.0534, 74.0360,
78.2029

456.8822,
474.5976, 508.4018

53.4879, 54.8235,
57.7232

121.1428,
124.9468, 132.6246

38.4215, 39.2604,
41.1730

152.3975,
157.4140, 167.4037

26.4887, 26.9624,
28.1335

188.6126,
195.0681, 207.7863

17.3242, 17.5450,
18.1864

230.1535,
238.2936, 254.1911

10.5626, 10.6238,
10.9131

277.3856,
287.4750, 307.0364

5.8387, 5.8145,
5.8950

330.6741,

2.7869, 2.7326,

342.9965, 366.7410

2.7136

390.3846,
405.2425, 433.7233

■ 1.0421, 0.9938,
0.9503

■ 0.0000, 0.0000,
0.0000

■ 72.0534, 74.0360,
78.2029

■ 72.0534, 74.0360,
78.2029

■ 63.9300, 62.3694,
61.3731

■ 81.3182, 87.3011,
97.5187

■ 56.8978, 52.2316,
46.9238

■ 87.0891, 95.8960,
108.5274

■ 50.9122, 43.5623,
34.7488

■ 45.9228, 36.2933,
24.7324

■ 41.8756, 30.3511,
16.7482

■ 38.7109, 25.6553,
10.6572

■ 36.3625, 22.1171,
6.3024

■ 34.7546, 19.6357,
3.5021

■ 33.7967, 18.0928,
2.0337

Harmonies

Analogous

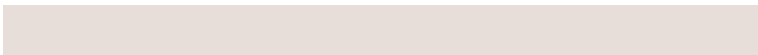
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2579, 74.0360, 80.8979



72.0534, 74.0360, 78.2029



71.3962, 74.0360, 76.1948

Triad

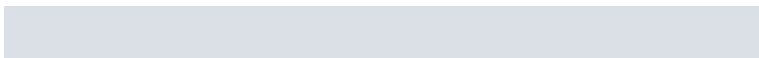
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.0534, 74.0360, 78.2029



68.8090, 74.0360, 77.7202



70.2695, 74.0360, 86.0943

Complementary

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



72.0534, 74.0360, 78.2029



72.6565, 78.1924, 87.6080

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.



69.3517, 74.0360, 85.1979



72.0534, 74.0360, 78.2029



68.5133, 74.0360, 80.3280

Square

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



72.0534, 74.0360, 78.2029



69.5225, 74.0360, 75.9207



68.7111, 74.0360, 83.0713



71.2224, 74.0360, 85.4940

Rectangle

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



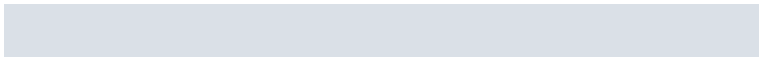
72.0534, 74.0360, 78.2029



70.7929, 74.0360, 75.4940



68.7111, 74.0360, 83.0713



69.9467, 74.0360, 85.9575

Sweetspot

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



72.0555, 74.0392, 78.2045



92.7669, 96.7303, 104.1418



73.2967, 74.1128, 86.0442



19.8798, 20.7385, 22.3405



0.0000, 0.0000, 0.0000



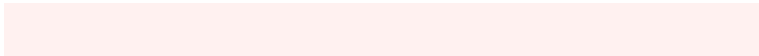
20.3446, 21.4041, 23.3091

Same Dimension

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



72.0555, 74.0392, 78.2045



88.3730, 90.4323, 95.0020



73.6670, 77.2623, 78.7417



14.9748, 15.2803, 15.9923



18.6449, 9.8640, 0.9213



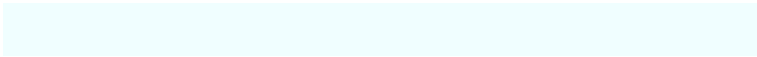
1.4116, 0.7964, 0.0793

Inverse Universe

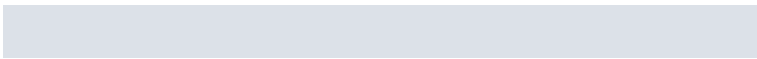
The Inverse Universe completely reimagines the original color for something new.



72.6565, 78.1924, 87.6080



89.2364, 96.3988, 108.5113



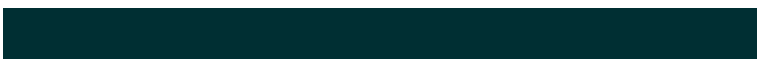
71.0069, 74.8933, 87.0582



15.1357, 16.3926, 18.5107



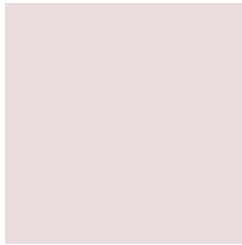
21.2840, 29.6300, 46.9806



1.6034, 2.2508, 3.4819

Previews

White Background



This preview shows how the XYZ color 72.0534, 74.0360, 78.2029 looks on a white background.

Color Contrast Check

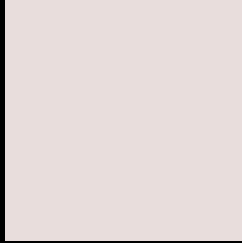
Large Text (above 18pt) WCAG AA × Fail

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 72.0534, 74.0360, 78.2029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

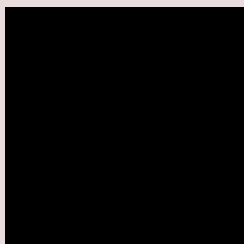
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

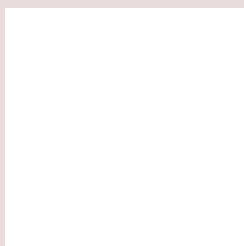
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.0534, 74.0360, 78.2029

Background



This preview shows how black text looks on a background with the XYZ color 72.0534, 74.0360, 78.2029.

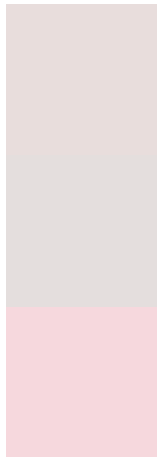


This preview shows how white text looks on a background with the XYZ color 72.0534, 74.0360,

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

72.0534, 74.0360, 78.2029

Protanopia

71.1673, 73.9570, 78.9308

Deuteranopia

75.6130, 73.9250, 78.6903



Tritanopia

74.4035, 74.2116, 89.7597

Trichromacy



Original Color

72.0534, 74.0360, 78.2029

Protanomaly

71.4855, 74.1210, 78.9457

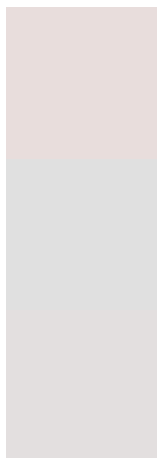
Deuteranomaly

74.3982, 74.0640, 78.7812

Tritanomaly

73.4804, 74.2232, 85.3166

Monochromacy



Original Color

72.0534, 74.0360, 78.2029

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3855, 74.4340, 80.4168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0534, 74.0360, 78.2029 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(232, 221, 220) looks like.

```
.text, #text, p{  
    color:rgb(232, 221, 220)  
}
```

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(232, 221, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 221, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.0534, 74.0360, 78.2029 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(232, 221, 220) }
```


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

```
.border{ border-color:rgb(232, 221, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 221, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 221, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 221, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 221,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0534, 74.0360, 78.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 221, 220) }
```

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

```
.background{ background-color: rgb(232,  
221, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor