

Converting Colors

XYZ(72.8673, 72.6076, 76.6133)

Have a look what the booklet for
XYZ(72.8673, 72.6076, 76.6133)
contains.

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Color

**XYZ(72.8074, 72.5244,
76.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD8DA
RGB	239, 216, 218
RGB Percent	94%, 85%, 85%
CMY	0.0627, 0.1529, 0.1451
CMYK	0.00, 0.10, 0.09, 0.06
HSL	355°, 42%, 89%
HSV	355°, 10%, 94%
XYZ	72.8074, 72.5244, 76.4909
YIQ	223.1050, 13.0660, 5.4980

Conversions

Conversions Part 2

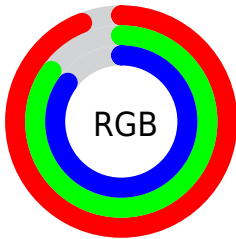
Format	Color
R _Y B	239, 216, 218
Decimal	15718618
CIE Lab	88.22, 8.26, 1.90
CIE LCh	88, 8.480, 12.933
Yxy	72.5244, 0.3282, 0.3269
Android (android.graphics.Color)	4293908698 (0xFFEFD8DA)
YUV	223.1050, -2.5168, 13.9399
Hunter-Lab	85.1613, 3.5738, 6.3593

Details

The XYZ color **72.8074, 72.5244, 76.4909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4743, 82.4483, 92.1138**, and the grayscale version is **70.2264, 73.8836, 80.4593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8842, 38.2014, 39.9745** is the 20% darker color. If you saturate the color by 10%, you get **64.4537, 60.0901, 60.5310**, and if you desaturate by 10%, it is **82.4319, 86.8966, 94.7317**.

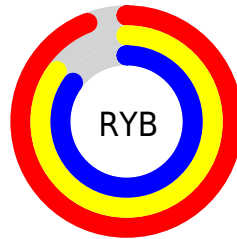
Distribution



Red (94%)

Green (85%)

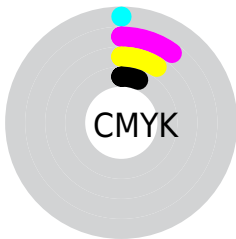
Blue (85%)



Red (94%)

Yellow (85%)

Blue (85%)

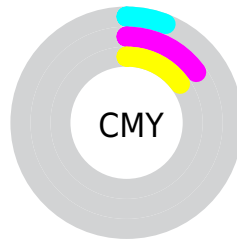


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8074, 72.5244, 76.4909 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 72.8074, 72.5244, 76.4909 by changing the saturation by 10% instead.


 72.8074, 72.5244,
76.4909

 72.8074, 72.5244,
76.4909


459.4612,
469.3648, 502.4180

 54.1063, 53.5872,
56.3261


122.2084,
122.8018, 130.1870

 38.9177, 38.2717,
40.0587


153.6389,
154.9107, 164.5554

 26.8761, 26.1936,
27.2702


190.0434,
192.1791, 204.4954

 17.6163, 16.9686,
17.5420

231.7871,
234.9911, 250.4255

 10.7729, 10.2121,
10.4556

279.2353,
283.7313, 302.7642

 5.9805, 5.5398,
5.5926

332.7535,

 2.8738, 2.5673,

338.7841, 361.9302

2.5342

392.7070,
400.5338, 428.3419

■ 1.0874, 0.9103,
0.8582

■ 0.0145, 0.0000,
0.0000

■ 72.8074, 72.5244,
76.4909

■ 72.8074, 72.5244,
76.4909

■ 64.4537, 60.0901,
60.5310

■ 82.4319, 86.8966,
94.7317

■ 57.3118, 49.5018,
46.7577

■ 89.4070, 97.0909,
108.6359

■ 51.3271, 40.6743,
35.0771

■ 46.4387, 33.5121,
25.3866

■ 42.5796, 27.9105,
17.5752

■ 39.6759, 23.7532,
11.5206

■ 37.6436, 20.9072,
7.0862

■ 36.3839, 19.2152,
4.1150

■ 35.7476, 18.4269,
2.4101

Harmonies

Analogous

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



72.7318, 72.5244, 82.2936



72.8074, 72.5244, 76.4909



71.8301, 72.5244, 71.5938

Triad

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



72.8074, 72.5244, 76.4909



66.3073, 72.5244, 71.0609



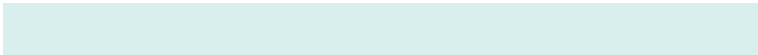
67.7929, 72.5244, 90.1438

Complementary

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



72.8074, 72.5244, 76.4909



74.4743, 82.4483, 92.1138

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.



66.1135, 72.5244, 86.8293



72.8074, 72.5244, 76.4909



65.2674, 72.5244, 75.7307

Square

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



72.8074, 72.5244, 76.4909



68.0623, 72.5244, 68.5639



65.1971, 72.5244, 81.4954



69.8097, 72.5244, 90.3720

Rectangle

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



72.8074, 72.5244, 76.4909



70.7239, 72.5244, 69.4238



65.1971, 72.5244, 81.4954



67.1711, 72.5244, 89.3465

Sweetspot

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



72.8094, 72.5276, 76.4924



91.5533, 94.7740, 102.2861



74.9630, 73.2999, 91.8597



19.4011, 19.9941, 21.5240



0.0000, 0.0000, 0.0000



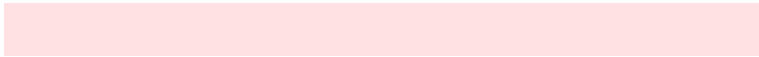
20.3446, 21.4041, 23.3091

Same Dimension

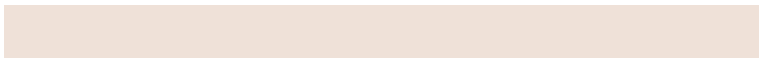
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8094, 72.5276, 76.4924



81.8761, 80.3357, 83.9045



74.9728, 77.2698, 75.9326



15.8285, 15.7811, 16.6531



19.7645, 10.1782, 1.4106



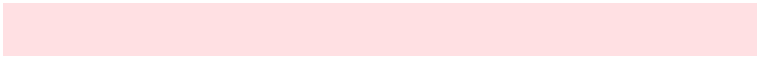
1.6632, 0.8543, 0.2171

Inverse Universe

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



72.8094, 72.5276, 76.4924



81.8761, 80.3357, 83.9045



72.1428, 77.3159, 92.7835



15.8285, 15.7811, 16.6531



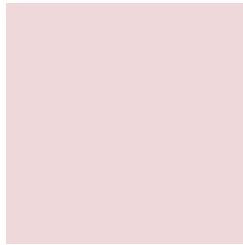
19.7645, 10.1782, 1.4106



1.6632, 0.8543, 0.2171

Previews

White Background



This preview shows how the XYZ color 72.8074, 72.5244, 76.4909 looks on a white background.

Color Contrast Check

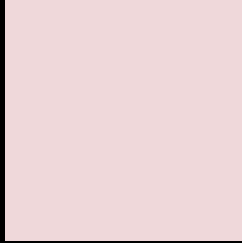
Large Text (above 18pt) WCAG AA × Fail

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 72.8074, 72.5244, 76.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

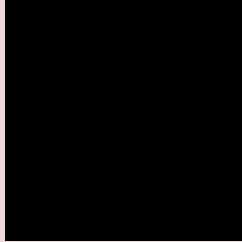
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8074, 72.5244, 76.4909

Background



This preview shows how black text looks on a background with the XYZ color 72.8074, 72.5244, 76.4909.



This preview shows how white text looks on a background with the XYZ color 72.8074, 72.5244,

76.4909.

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

72.8074, 72.5244, 76.4909

Protanopia

69.5628, 72.3613, 78.0109

Deuteranopia

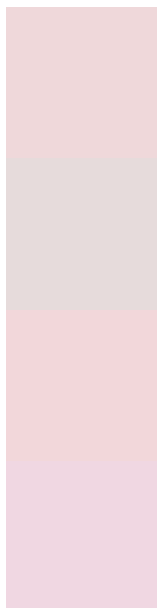
74.0097, 72.3882, 76.4013



Tritanopia

74.7460, 72.5634, 85.6679

Trichromacy



Original Color

72.8074, 72.5244, 76.4909

Protanomaly

70.7508, 72.6005, 77.3022

Deuteranomaly

73.5733, 72.5401, 76.4536

Tritanomaly

73.9631, 72.6171, 82.0697

Monochromacy



Original Color

72.8074, 72.5244, 76.4909

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9574, 73.0649, 78.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8074, 72.5244, 76.4909 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(239, 216, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 216, 218)  
}
```

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(239, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 216, 218) }
```

Border

The CSS property to change the border of an element to XYZ 72.8074, 72.5244, 76.4909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

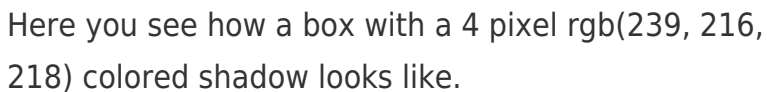
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 216, 218) }
```


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

```
.border{ border-color:rgb(239, 216, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 216, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 216, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 216, 218); box-shadow:4px 4px 4px 4px rgb(239, 216, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8074, 72.5244, 76.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 216, 218) }
```

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

```
.background{ background-color: rgb(239,  
216, 218) }
```

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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