

Converting Colors

XYZ(72.9276, 79.0744, 73.0472)

Have a look what the booklet for
XYZ(72.9276, 79.0744, 73.0472)
contains.

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Color

**XYZ(72.9276, 79.0744,
73.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E8D3
RGB	229, 232, 211
RGB Percent	90%, 91%, 83%
CMY	0.1020, 0.0902, 0.1725
CMYK	0.01, 0.00, 0.09, 0.09
HSL	69°, 31%, 87%
HSV	69°, 9%, 91%
XYZ	72.9276, 79.0744, 73.0472
YIQ	228.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

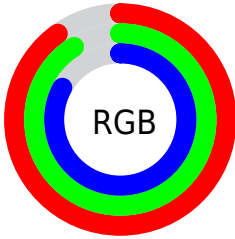
Format	Color
R_{YB}	211, 232, 214
Decimal	15067347
CIE Lab	91.27, -4.62, 9.86
CIE LCh	91, 10.890, 115.100
Yxy	79.0744, 0.3241, 0.3514
Android (android.graphics.Color)	4293257427 (0xFFE5E8D3)
YUV	228.7090, -8.7305, 0.2552
Hunter-Lab	88.9238, -9.2264, 13.5424

Details

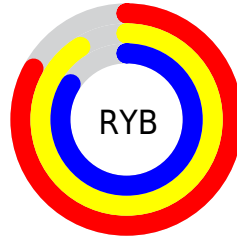
The XYZ color **72.9276, 79.0744, 73.0472** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **65.5944, 66.7130, 85.7678**, and the grayscale version is **74.3238, 78.1944, 85.1537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9816, 42.4496, 37.5915** is the 20% darker color. If you saturate the color by 10%, you get **69.1784, 77.4561, 58.7691**, and if you desaturate by 10%, it is **77.1212, 80.8779, 89.5407**.

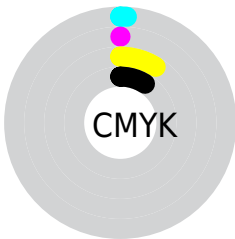
Distribution



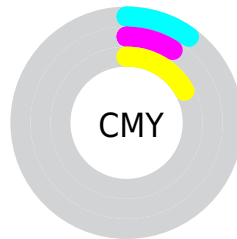
- Red (90%)
- Green (91%)
- Blue (83%)



- Red (83%)
- Yellow (91%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9276, 79.0744, 73.0472 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 72.9276, 79.0744, 73.0472 by changing the saturation by 10% instead.

■ 72.9276, 79.0744,
73.0472

■ 72.9276, 79.0744,
73.0472

459.8715,
491.8080, 490.2535

■ 54.2049, 58.9570,
53.5225

122.3781,
132.0636, 125.2658

■ 38.9968, 42.5785,
37.8295

153.8367,
165.7042, 158.7967

■ 26.9380, 29.5545,
25.5496

190.2712,
204.6212, 197.8334

■ 17.6630, 19.5007,
16.2642

232.0471,
249.1992, 242.7946

■ 10.8065, 12.0326,
9.5549

279.5298,
299.8225, 294.0986

■ 6.0032, 6.7659,
5.0032

333.0845,

■ 2.8877, 3.3161,

356.8754, 352.1641

2.1903

393.0766,
420.7425, 417.4096

■ 1.0947, 1.2989,
0.6688

■ 0.0206, 0.1404,
0.0000

■ 72.9276, 79.0744,
73.0472

■ 72.9276, 79.0744,
73.0472

■ 69.1784, 77.4561,
58.7691

■ 77.1212, 80.8779,
89.5407

■ 65.8492, 76.0056,
46.6069

■ 81.3804, 82.7075,
106.2827

■ 62.9227, 74.7185,
36.4614

■ 82.4904, 83.2797,
106.3346

■ 60.3782, 73.5864,
28.2231

■ 83.6209, 83.8625,
106.3875

■ 58.1928, 72.6003,
21.7724

■ 84.7722, 84.4560,
106.4414

■ 56.3410, 71.7499,
16.9761

■ 85.9442, 85.0602,
106.4963

■ 54.7940, 71.0237,
13.6824

■ 87.1372, 85.6752,
106.5521

■ 53.5175, 70.4080,
11.7118

■ 88.1482, 86.1964,
106.5994

■ 52.4587, 69.8815,
10.7867

Harmonies

Analogous

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



75.6124, 79.0744, 71.8169



72.9276, 79.0744, 73.0472



70.8860, 79.0744, 77.6867

Triad

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



72.9276, 79.0744, 73.0472



72.1602, 79.0744, 99.1842



80.5741, 79.0744, 87.4043

Complementary

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



72.9276, 79.0744, 73.0472



65.5944, 66.7130, 85.7678

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.



79.5979, 79.0744, 95.0968



72.9276, 79.0744, 73.0472



74.7051, 79.0744, 102.1582

Square

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



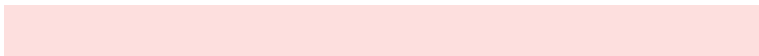
72.9276, 79.0744, 73.0472



70.4507, 79.0744, 92.7126



77.4331, 79.0744, 100.6187



80.0702, 79.0744, 79.8069

Rectangle

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



72.9276, 79.0744, 73.0472



70.1418, 79.0744, 82.2467



77.4331, 79.0744, 100.6187



80.4075, 79.0744, 90.0689

Sweetspot

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



72.9298, 79.0778, 73.0489



93.4411, 99.3101, 102.5230



69.0352, 69.8531, 71.4736



19.9101, 21.2177, 21.5886



0.0000, 0.0000, 0.0000



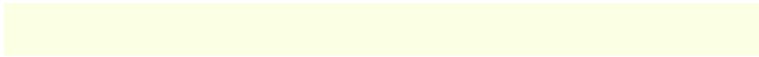
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9298, 79.0778, 73.0489



89.3974, 97.5702, 86.7581



69.7405, 77.4337, 72.8997



15.3883, 16.7072, 15.3182



29.1506, 38.8092, 5.9545



2.2099, 2.8966, 0.4426

Inverse Universe

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



65.5944, 66.7130, 85.7678



78.4483, 79.1135, 105.7435



68.6958, 68.3119, 85.9130



13.7737, 13.9856, 18.1179



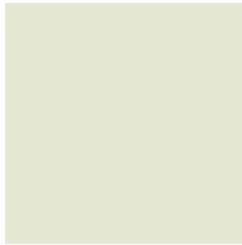
8.5004, 3.4480, 42.6007



0.6889, 0.2861, 3.1509

Previews

White Background



This preview shows how the XYZ color 72.9276, 79.0744, 73.0472 looks on a white background.

Color Contrast Check

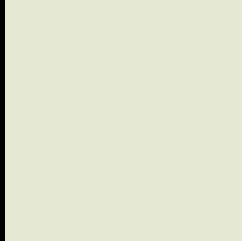
Large Text (above 18pt) WCAG AA × Fail

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 72.9276, 79.0744, 73.0472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

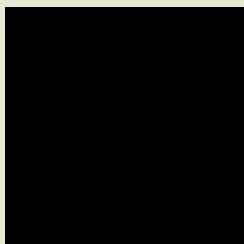
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

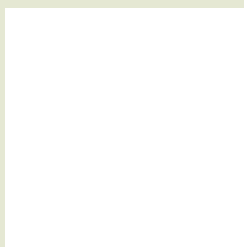
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9276, 79.0744, 73.0472

Background



This preview shows how black text looks on a background with the XYZ color 72.9276, 79.0744, 73.0472.



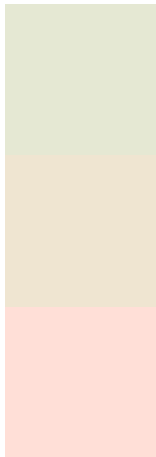
This preview shows how white text looks on a background with the XYZ color 72.9276, 79.0744,

73.0472.

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

72.9276, 79.0744, 73.0472

Protanopia

75.1245, 78.9928, 71.6092

Deuteranopia

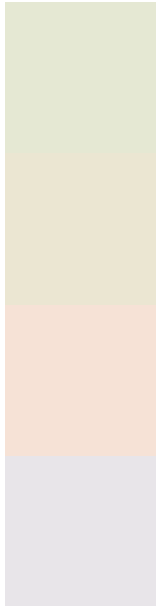
79.8934, 78.9416, 75.3164



Tritanopia

77.8822, 79.0232, 97.5344

Trichromacy



Original Color

72.9276, 79.0744, 73.0472

Protanomaly

74.1906, 78.9089, 72.2935

Deuteranomaly

77.3400, 78.8406, 74.7598

Tritanomaly

76.0060, 79.0776, 88.3484

Monochromacy



Original Color

72.9276, 79.0744, 73.0472

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.7947, 78.5256, 80.3748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9276, 79.0744, 73.0472 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(229, 232, 211) looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 211)  
}
```

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(229, 232, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.9276, 79.0744, 73.0472 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(229, 232, 211) }
```


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

```
.border{ border-color:rgb(229, 232, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 232, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9276, 79.0744, 73.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 211) }
```

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

```
.background{ background-color: rgb(229,  
232, 211) }
```

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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