

Converting Colors

XYZ(71.9045, 78.7571, 75.7237)

Have a look what the booklet for
XYZ(71.9045, 78.7571, 75.7237)
contains.

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Color

**XYZ(72.1451, 79.0314,
75.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E9D7
RGB	224, 233, 215
RGB Percent	88%, 91%, 84%
CMY	0.1216, 0.0863, 0.1569
CMYK	0.04, 0.00, 0.08, 0.09
HSL	90°, 29%, 88%
HSV	90°, 8%, 91%
XYZ	72.1451, 79.0314, 75.7421
YIQ	228.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

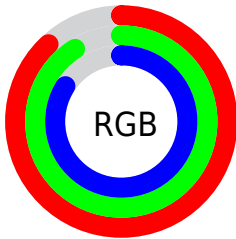
Format	Color
R_{YB}	215, 233, 224
Decimal	14739927
CIE Lab	91.25, -6.18, 7.70
CIE LCh	91, 9.873, 128.741
Yxy	79.0314, 0.3179, 0.3483
Android (android.graphics.Color)	4292930007 (0xFFE0E9D7)
YUV	228.2570, -6.5357, -3.7334
Hunter-Lab	88.8996, -10.7154, 11.7149

Details

The XYZ color **72.1451, 79.0314, 75.7421** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.7520, 70.3335, 86.9943**, and the grayscale version is **73.9789, 77.8316, 84.7586**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4295, 42.4174, 39.4196** is the 20% darker color. If you saturate the color by 10%, you get **65.8736, 76.1223, 60.9169**, and if you desaturate by 10%, it is **79.0950, 82.2456, 92.8282**.

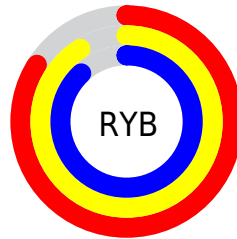
Distribution



Red (88%)

Green (91%)

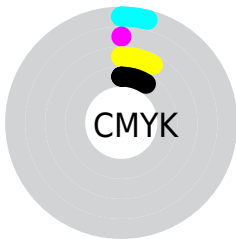
Blue (84%)



Red (84%)

Yellow (91%)

Blue (88%)

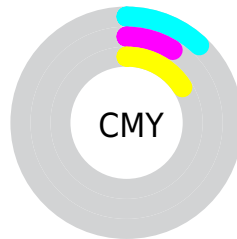


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (9%)



Cyan (12%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1451, 79.0314, 75.7421 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 72.1451, 79.0314, 75.7421 by changing the saturation by 10% instead.

■ 72.1451, 79.0314,
75.7421

■ 72.1451, 79.0314,
75.7421

457.1963,
491.6626, 499.7877

■ 53.5631, 58.9216,
55.7157

121.2725,
132.0031, 129.1190

■ 38.4818, 42.5500,
39.5725

152.5486,
165.6337, 163.3066

■ 26.5357, 29.5322,
26.8942

188.7868,
204.5402, 203.0516

■ 17.3596, 19.4838,
17.2620

230.3524,
249.1068, 248.7727

■ 10.5881, 12.0204,
10.2576

277.6108,
299.7179, 300.8883

■ 5.8558, 6.7576,
5.4622

330.9273,

■ 2.7974, 3.3109,

356.7580, 359.8170

2.4575

390.6674,
420.6114, 425.9773

■ 1.0476, 1.2961,
0.8175

■ 0.0000, 0.1382,
0.0000

■ 72.1451, 79.0314,
75.7421

■ 72.1451, 79.0314,
75.7421

■ 65.8736, 76.1223,
60.9169

■ 79.0950, 82.2456,
92.8282

■ 60.2511, 73.4983,
48.2528

■ 85.6569, 85.3311,
106.5637

■ 55.2555, 71.1524,
37.6501

■ 88.4305, 86.7609,
106.6935

■ 50.8608, 69.0738,
28.9992

■ 47.0390, 67.2505,
22.1806

■ 43.7591, 65.6696,
17.0614

■ 40.9868, 64.3166,
13.4909

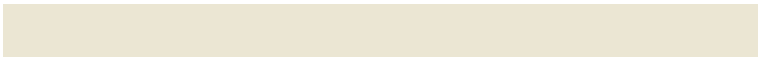
■ 38.6824, 63.1749,
11.2917

■ 36.7938, 62.2230,
10.2231

Harmonies

Analogous

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



74.3879, 79.0314, 73.1343



72.1451, 79.0314, 75.7421



70.7202, 79.0314, 81.1501

Triad

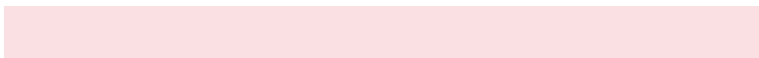
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1451, 79.0314, 75.7421



73.3854, 79.0314, 99.5475



79.9751, 79.0314, 83.9740

Complementary

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



72.1451, 79.0314, 75.7421



69.7520, 70.3335, 86.9943

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.



79.6923, 79.0314, 91.1469



72.1451, 79.0314, 75.7421



75.8508, 79.0314, 100.4072

Square

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



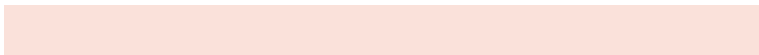
72.1451, 79.0314, 75.7421



71.4252, 79.0314, 94.9692



78.1694, 79.0314, 97.2569



78.9339, 79.0314, 77.7108

Rectangle

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



72.1451, 79.0314, 75.7421



70.4072, 79.0314, 85.7493



78.1694, 79.0314, 97.2569



80.0322, 79.0314, 86.3549

Sweetspot

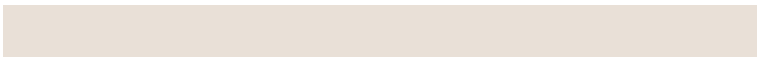
The Sweet Spot groups the original color and five complimentary colors.



72.1473, 79.0348, 75.7438



93.3074, 99.1953, 104.5891



72.5287, 75.5442, 75.0500



19.9899, 21.2403, 22.4315



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.



72.1473, 79.0348, 75.7438



87.4751, 96.4967, 90.3965



69.4313, 77.6347, 75.6167



15.5857, 17.2320, 16.0234



20.7994, 35.2669, 5.7110



1.7442, 2.8265, 0.4536

Inverse Universe

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



69.7520, 70.3335, 86.9943



84.0654, 84.1102, 106.4119



72.6157, 71.8098, 87.1283



14.9490, 14.9190, 19.0140



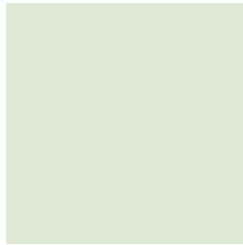
12.6157, 5.5395, 44.1473



1.1016, 0.4922, 3.4718

Previews

White Background



This preview shows how the XYZ color 72.1451, 79.0314, 75.7421 looks on a white background.

Color Contrast Check

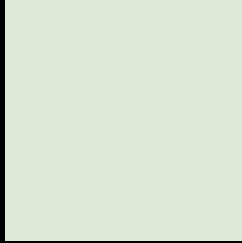
Large Text (above 18pt) WCAG AA × Fail

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 72.1451, 79.0314, 75.7421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

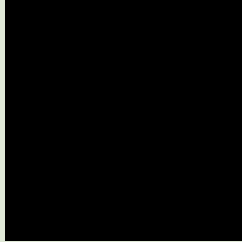
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

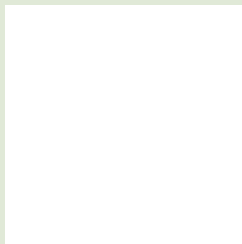
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1451, 79.0314, 75.7421

Background



This preview shows how black text looks on a background with the XYZ color 72.1451, 79.0314, 75.7421.



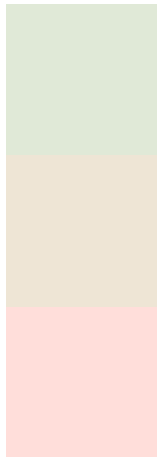
This preview shows how white text looks on a background with the XYZ color 72.1451, 79.0314,

75.7421.

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

72.1451, 79.0314, 75.7421

Protanopia

75.2894, 79.0199, 74.2350

Deuteranopia

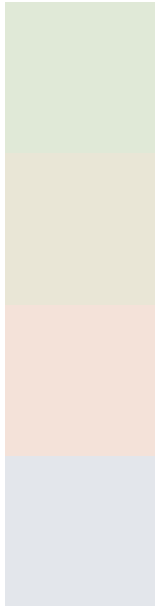
80.0162, 78.5645, 77.2768



Tritanopia

76.6911, 78.7986, 98.3564

Trichromacy



Original Color

72.1451, 79.0314, 75.7421

Protanomaly

74.0387, 78.7723, 74.9206

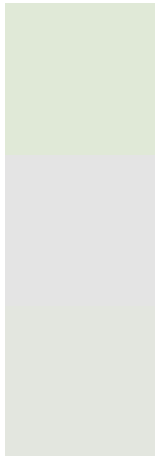
Deuteranomaly

77.0290, 78.6356, 76.7640

Tritanomaly

74.9708, 78.9227, 89.8795

Monochromacy



Original Color

72.1451, 79.0314, 75.7421

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2947, 78.2522, 81.0532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1451, 79.0314, 75.7421 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(224, 233, 215) looks like.

```
.text, #text, p{  
    color:rgb(224, 233, 215)  
}
```

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(224, 233, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 233, 215) }
```

Border

The CSS property to change the border of an element to XYZ 72.1451, 79.0314, 75.7421 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(224, 233, 215) }
```


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

```
.border{ border-color:rgb(224, 233, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 233, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 233, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 233, 215);  
box-shadow:4px 4px 4px 4px rgb(224, 233,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1451, 79.0314, 75.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 233, 215) }
```

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

```
.background{ background-color: rgb(224,  
233, 215) }
```

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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