

Converting Colors

XYZ(75.3047, 79.4347, 81.1063)

Have a look what the booklet for
XYZ(75.3047, 79.4347, 81.1063)
contains.

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Color

**XYZ(75.2204, 79.2450,
81.1433)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E6DF
RGB	233, 230, 223
RGB Percent	91%, 90%, 87%
CMY	0.0863, 0.0980, 0.1255
CMYK	0.00, 0.01, 0.04, 0.09
HSL	42°, 19%, 89%
HSV	42°, 4%, 91%
XYZ	75.2204, 79.2450, 81.1433
YIQ	230.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

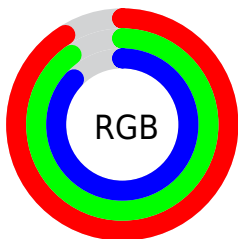
Format	Color
RYB	227, 233, 223
Decimal	15328991
CIELab	91.35, -0.20, 3.75
CIElCh	91, 3.757, 93.113
Yxy	79.2450, 0.3193, 0.3363
Android (android.graphics.Color)	4293519071 (0xFFE9E6DF)
YUV	230.0990, -3.4998, 2.5442
Hunter-Lab	89.0197, -4.9543, 8.2697

Details

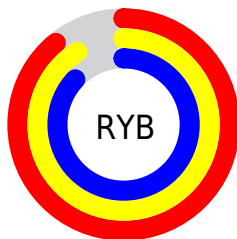
The XYZ color **75.2204, 79.2450, 81.1433** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **72.3358, 75.9628, 87.9416**, and the grayscale version is **75.3120, 79.2341, 86.2859**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5293, 42.8342, 43.1775** is the 20% darker color. If you saturate the color by 10%, you get **70.3896, 74.2689, 65.0863**, and if you desaturate by 10%, it is **80.5658, 84.5565, 99.5066**.

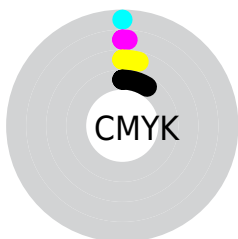
Distribution



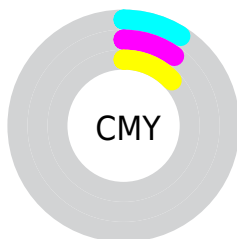
- Red (91%)
- Green (90%)
- Blue (87%)



- Red (89%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2204, 79.2450, 81.1433 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 75.2204, 79.2450, 81.1433 by changing the saturation by 10% instead.

■ 75.2204, 79.2450,
81.1433

■ 75.2204, 79.2450,
81.1433

467.6603,
492.3848, 518.5856

■ 56.0883, 59.0973,
60.1279

125.6105,
132.3037, 136.7978

■ 40.5110, 42.6914,
43.0958

157.5993,
165.9835, 172.2741

■ 28.1232, 29.6431,
29.6283

194.6042,
204.9427, 213.4077

■ 18.5594, 19.5678,
19.3070

236.9908,
249.5658, 260.6173

■ 11.4545, 12.0813,
11.7133

285.1244,
300.2372, 314.3213

■ 6.4429, 6.7991,
6.4286

339.3702,

■ 3.1594, 3.3368,

357.3412, 374.9383

3.0344

400.0937,
421.2623, 442.8869

■ 1.2386, 1.3100,
1.1122

■ 0.1365, 0.1489,
0.0000

■ 75.2204, 79.2450,
81.1433

■ 75.2204, 79.2450,
81.1433

■ 70.3896, 74.2689,
65.0863

■ 80.5658, 84.5565,
99.5066

■ 66.0484, 69.6091,
51.2376

■ 83.9953, 89.2250,
107.4029

■ 62.1792, 65.2597,
39.5000

■ 86.1353, 93.5049,
108.1162

■ 58.7609, 61.2108,
29.7670

■ 87.4147, 96.0639,
108.5427

■ 55.7708, 57.4517,
21.9225

■ 53.1834, 53.9707,
15.8386

■ 50.9707, 50.7550,
11.3715

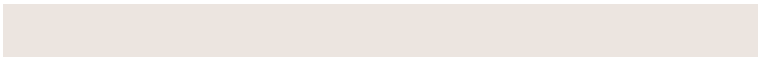
■ 49.0999, 47.7900,
8.3541

■ 47.5315, 45.0580,
6.5829

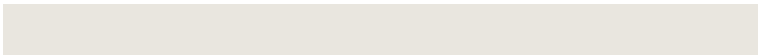
Harmonies

Analogous

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



76.1527, 79.2450, 81.6822



75.2204, 79.2450, 81.1433



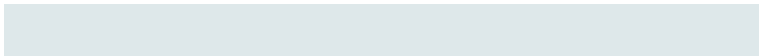
74.3222, 79.2450, 81.9577

Triad

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



75.2204, 79.2450, 81.1433



73.7937, 79.2450, 89.1867



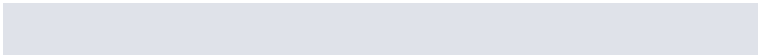
76.9682, 79.2450, 88.6824

Complementary

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



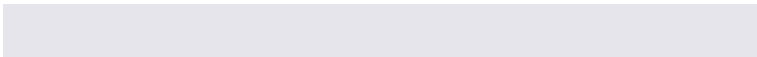
75.2204, 79.2450, 81.1433



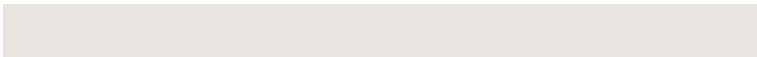
72.3358, 75.9628, 87.9416

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.



76.3267, 79.2450, 90.7606



75.2204, 79.2450, 81.1433



74.4933, 79.2450, 91.0561

Square

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



75.2204, 79.2450, 81.1433



73.5028, 79.2450, 86.5700



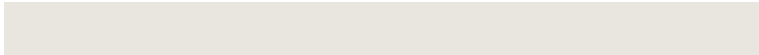
75.4197, 79.2450, 91.6381



77.1669, 79.2450, 85.9993

Rectangle

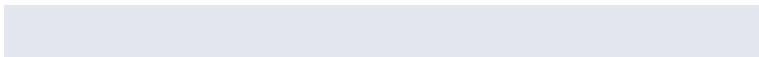
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2204, 79.2450, 81.1433



73.8621, 79.2450, 83.1687



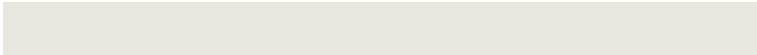
75.4197, 79.2450, 91.6381



76.7970, 79.2450, 89.4768

Sweetspot

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



75.2226, 79.2484, 81.1450



94.3989, 99.3504, 106.6710



73.7205, 75.5912, 82.6577



20.2121, 21.2719, 22.8555



0.0000, 0.0000, 0.0000



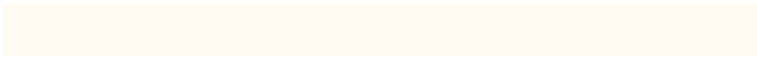
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2226, 79.2484, 81.1450



91.8581, 96.7929, 98.0429



75.4143, 80.5956, 81.3949



16.3579, 17.2394, 17.2921



26.6327, 24.9596, 3.4140



2.1747, 2.1268, 0.2959

Inverse Universe

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



72.3358, 75.9628, 87.9416



87.7308, 92.0955, 107.7600



72.1481, 74.6673, 87.7015



15.5267, 16.2935, 19.2489



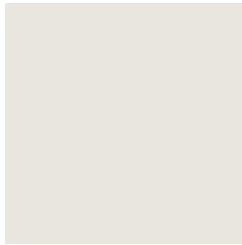
9.6760, 5.9990, 44.3909



0.8413, 0.6340, 3.5129

Previews

White Background



This preview shows how the XYZ color 75.2204, 79.2450, 81.1433 looks on a white background.

Color Contrast Check

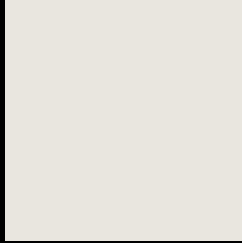
Large Text (above 18pt) WCAG AA × Fail

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 75.2204, 79.2450, 81.1433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

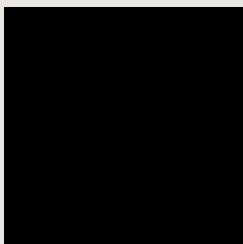
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

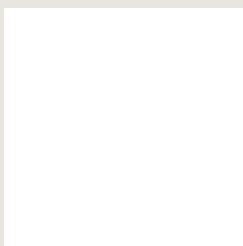
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2204, 79.2450, 81.1433

Background



This preview shows how black text looks on a background with the XYZ color 75.2204, 79.2450, 81.1433.



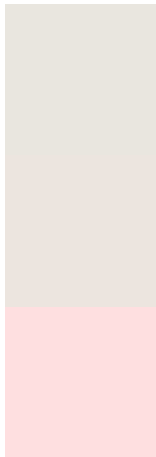
This preview shows how white text looks on a background with the XYZ color 75.2204, 79.2450,

81.1433.

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

75.2204, 79.2450, 81.1433

Protanopia

75.9307, 79.1992, 81.0970

Deuteranopia

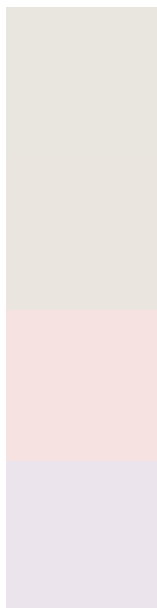
80.7153, 79.2280, 81.5594



Tritanopia

78.5426, 79.3636, 97.5653

Trichromacy



Original Color

75.2204, 79.2450, 81.1433

Protanomaly

75.5995, 79.0285, 81.0815

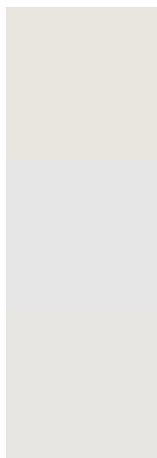
Deuteranomaly

78.6569, 79.3674, 81.6948

Tritanomaly

77.2904, 79.2634, 91.3465

Monochromacy



Original Color

75.2204, 79.2450, 81.1433

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.1169, 79.1286, 83.9873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2204, 79.2450, 81.1433 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(233, 230, 223) looks like.

```
.text, #text, p{  
    color:rgb(233, 230, 223)  
}
```

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(233, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 230, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.2204, 79.2450, 81.1433 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(233, 230, 223) }
```


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

```
.border{ border-color:rgb(233, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(233, 230,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2204, 79.2450, 81.1433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 230, 223) }
```

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

```
.background{ background-color: rgb(233,  
230, 223) }
```

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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