

Converting Colors

XYZ(75.5174, 78.3727, 80.9593)

Have a look what the booklet for
XYZ(75.5174, 78.3727, 80.9593)
contains.

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Color

**XYZ(75.6548, 78.6474,
81.0051)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE4DF
RGB	236, 228, 223
RGB Percent	93%, 89%, 87%
CMY	0.0745, 0.1059, 0.1255
CMYK	0.00, 0.03, 0.06, 0.07
HSL	23°, 25%, 90%
HSV	23°, 6%, 93%
XYZ	75.6548, 78.6474, 81.0051
YIQ	229.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

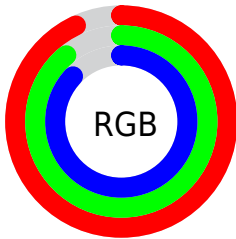
Format	Color
R _Y B	236, 231, 223
Decimal	15525087
CIE Lab	91.07, 1.85, 3.39
CIE LCh	91, 3.860, 61.355
Yxy	78.6474, 0.3215, 0.3342
Android (android.graphics.Color)	4293715167 (0xFFECE4DF)
YUV	229.8220, -3.3632, 5.4181
Hunter-Lab	88.6834, -2.9195, 7.9217

Details

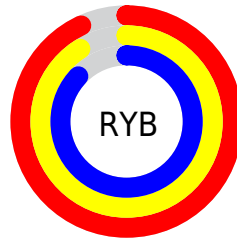
The XYZ color **75.6548, 78.6474, 81.0051** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1477, 78.8948, 90.6782**, and the grayscale version is **75.1049, 79.0162, 86.0486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8338, 42.4176, 43.0810** is the 20% darker color. If you saturate the color by 10%, you get **68.8657, 69.8106, 64.1228**, and if you desaturate by 10%, it is **83.2272, 88.3390, 100.3385**.

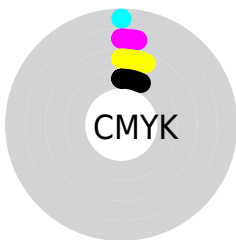
Distribution



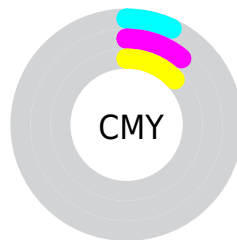
- Red (93%)
- Green (89%)
- Blue (87%)



- Red (93%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6548, 78.6474, 81.0051 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 75.6548, 78.6474, 81.0051 by changing the saturation by 10% instead.

■ 75.6548, 78.6474,
81.0051

■ 75.6548, 78.6474,
81.0051

469.1278,
490.3627, 518.1095

■ 56.4456, 58.6059,
60.0148

126.2218,
131.4624, 136.6021

■ 40.7987, 42.2960,
43.0052

158.3102,
165.0046, 172.0458

■ 28.3488, 29.3331,
29.5577

195.4225,
203.8160, 213.1444

■ 18.7305, 19.3330,
19.2539

237.9238,
248.2808, 260.3164

■ 11.5786, 11.9111,
11.6752

286.1797,
298.7835, 313.9804

■ 6.5276, 6.6832,
6.4031

340.5554,

■ 3.2121, 3.2648,

355.7085, 374.5549

3.0190

401.4163,
419.4401, 442.4584

■ 1.2669, 1.2715,
1.1043

■ 0.1582, 0.1190,
0.0000

■ 75.6548, 78.6474,
81.0051

■ 75.6548, 78.6474,
81.0051

■ 68.8657, 69.8106,
64.1228

■ 83.2272, 88.3390,
100.3385

■ 62.8268, 61.7948,
49.5876

■ 88.4025, 96.5731,
108.5889

■ 57.5124, 54.5785,
37.2957

■ 52.8925, 48.1355,
27.1335

■ 48.9349, 42.4381,
18.9771

■ 45.6046, 37.4568,
12.6899

■ 42.8627, 33.1596,
8.1178

■ 40.6651, 29.5116,
5.0816

■ 38.9590, 26.4732,
3.3611

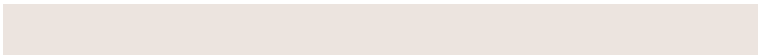
Harmonies

Analogous

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



76.3653, 78.6474, 82.8687



75.6548, 78.6474, 81.0051



74.7076, 78.6474, 80.3746

Triad

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



75.6548, 78.6474, 81.0051



72.8924, 78.6474, 85.7608



75.7323, 78.6474, 90.3035

Complementary

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



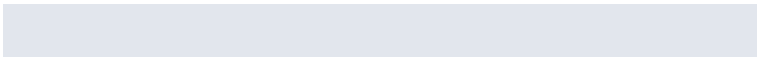
75.6548, 78.6474, 81.0051



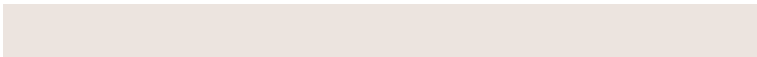
74.1477, 78.8948, 90.6782

Split Complementary

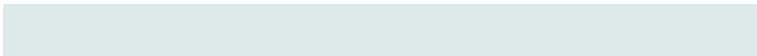
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7964, 78.6474, 91.1172



75.6548, 78.6474, 81.0051



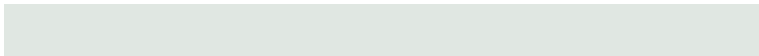
73.1616, 78.6474, 88.4595

Square

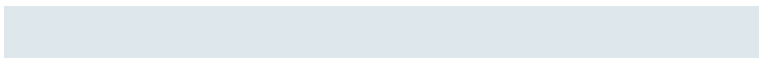
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6548, 78.6474, 81.0051



73.1179, 78.6474, 83.0841



73.8564, 78.6474, 90.4352



76.4103, 78.6474, 88.2348

Rectangle

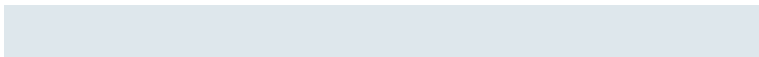
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



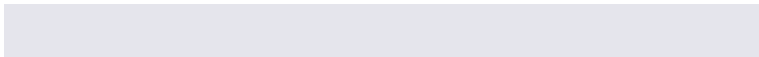
75.6548, 78.6474, 81.0051



74.0710, 78.6474, 80.7273



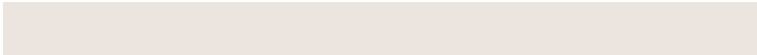
73.8564, 78.6474, 90.4352



75.4371, 78.6474, 90.7349

Sweetspot

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



75.6570, 78.6508, 81.0068



93.2471, 97.6907, 104.3018



75.4070, 76.3799, 86.3832



19.9776, 20.9341, 22.3730



0.0000, 0.0000, 0.0000



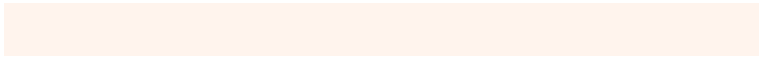
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6570, 78.6508, 81.0068



88.9050, 92.0972, 93.3265



77.4731, 82.2830, 81.6122



15.8210, 16.3681, 16.4894



21.2387, 14.1716, 1.6160



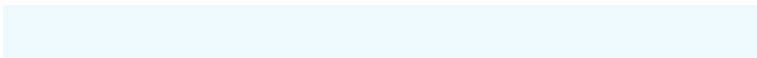
1.7584, 1.2941, 0.1571

Inverse Universe

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



74.1477, 78.8948, 90.6782



86.6322, 92.4645, 107.8892



72.3676, 75.3348, 90.0848



15.3848, 16.4386, 19.2844



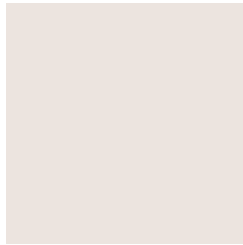
14.0693, 14.7855, 45.8553



1.1974, 1.3464, 3.6316

Previews

White Background



This preview shows how the XYZ color 75.6548, 78.6474, 81.0051 looks on a white background.

Color Contrast Check

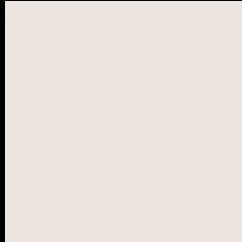
Large Text (above 18pt) WCAG AA × Fail

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 75.6548, 78.6474, 81.0051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

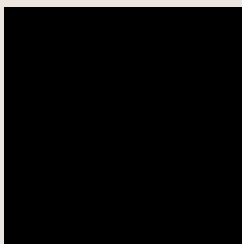
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

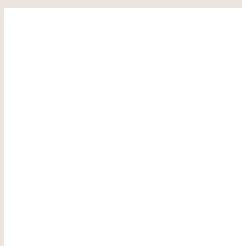
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6548, 78.6474, 81.0051

Background



This preview shows how black text looks on a background with the XYZ color 75.6548, 78.6474, 81.0051.



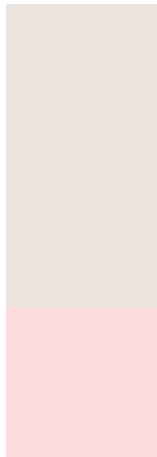
This preview shows how white text looks on a background with the XYZ color 75.6548, 78.6474,

81.0051.

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

75.6548, 78.6474, 81.0051

Protanopia

75.3236, 78.4767, 80.9896

Deuteranopia

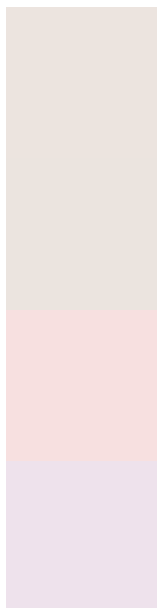
80.0838, 78.5070, 81.4535



Tritanopia

78.6995, 78.6722, 95.8314

Trichromacy



Original Color

75.6548, 78.6474, 81.0051

Protanomaly

75.3236, 78.4767, 80.9896

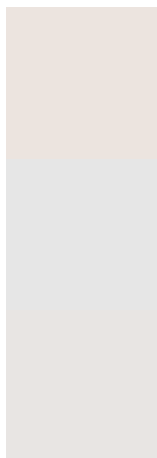
Deuteranomaly

78.4680, 78.4673, 81.5310

Tritanomaly

77.5966, 78.6260, 90.4434

Monochromacy



Original Color

75.6548, 78.6474, 81.0051

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.1632, 78.7405, 83.9100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6548, 78.6474, 81.0051 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(236, 228, 223) looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 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(236, 228, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.6548, 78.6474, 81.0051 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(236, 228, 223) }
```


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

```
.border{ border-color:rgb(236, 228, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 228, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 228, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 228, 223); box-shadow:4px 4px 4px 4px rgb(236, 228, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6548, 78.6474, 81.0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 223) }
```

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

```
.background{ background-color: rgb(236,  
228, 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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