

Converting Colors

XYZ(75.7487, 82.1263, 81.5376)

Have a look what the booklet for
XYZ(75.7487, 82.1263, 81.5376)
contains.

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Color

**XYZ(75.6278, 81.9766,
81.6491)**

Conversions

Conversions Part 1

Format	Color
Hex	E5ECDF
RGB	229, 236, 223
RGB Percent	90%, 93%, 87%
CMY	0.1020, 0.0745, 0.1255
CMYK	0.03, 0.00, 0.06, 0.07
HSL	92°, 26%, 90%
HSV	92°, 6%, 93%
XYZ	75.6278, 81.9766, 81.6491
YIQ	232.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

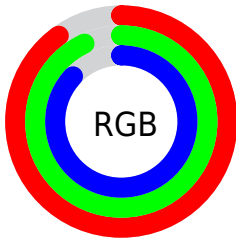
Format	Color
R _Y B	223, 236, 230
Decimal	15068383
CIE Lab	92.56, -4.63, 5.48
CIE LCh	93, 7.171, 130.187
Yxy	81.9766, 0.3161, 0.3426
Android (android.graphics.Color)	4293258463 (0xFFE5ECDF)
YUV	232.4250, -4.6465, -3.0037
Hunter-Lab	90.5409, -9.3476, 9.9114

Details

The XYZ color **75.6278, 81.9766, 81.6491** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.1643, 75.6567, 90.0554**, and the grayscale version is **77.0558, 81.0687, 88.2839**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8447, 44.4683, 43.4763** is the 20% darker color. If you saturate the color by 10%, you get **68.7570, 78.7793, 65.8594**, and if you desaturate by 10%, it is **83.2438, 85.5115, 99.7922**.

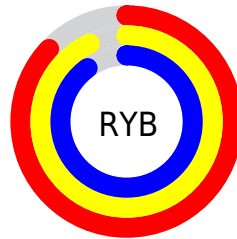
Distribution



Red (90%)

Green (93%)

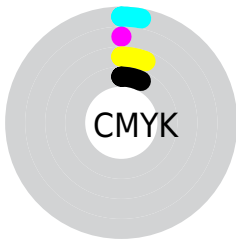
Blue (87%)



Red (87%)

Yellow (93%)

Blue (90%)

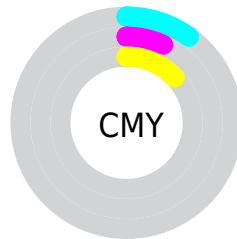


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (10%)

Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6278, 81.9766, 81.6491 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 75.6278, 81.9766, 81.6491 by changing the saturation by 10% instead.

75.6278, 81.9766,
81.6491

75.6278, 81.9766,
81.6491

469.0366,
501.5694, 520.3258

56.4233, 61.3462,
60.5422

126.1838,
136.1412, 137.5141

40.7808, 44.5047,
43.4277

158.2661,
170.4442, 173.1092

28.3347, 31.0674,
29.8869

195.3716,
210.0736, 214.3709

18.7199, 20.6502,
19.5015

237.8659,
255.4137, 261.7176

11.5709, 12.8686,
11.8527

286.1141,
306.8489, 315.5679

6.5223, 7.3381,
6.5221

340.4818,

3.2088, 3.6744,

364.7637, 376.3404

3.0912

401.3342,
429.5424, 444.4535

■ 1.2651, 1.4932,
1.1414

■ 0.1569, 0.2839,
0.0000

■ 75.6278, 81.9766,
81.6491

■ 75.6278, 81.9766,
81.6491

■ 68.7570, 78.7793,
65.8594

■ 83.2438, 85.5115,
99.7922

■ 62.5999, 75.8985,
52.3215

■ 89.0759, 88.3653,
106.9691

■ 57.1329, 73.3266,
40.9340

■ 89.2871, 88.4741,
106.9790

■ 52.3282, 71.0516,
31.5859

■ 48.1558, 69.0607,
24.1563

■ 44.5831, 67.3402,
18.5113

■ 41.5738, 65.8745,
14.5000

■ 39.0866, 64.6462,
11.9462

■ 37.0720, 63.6347,
10.6333

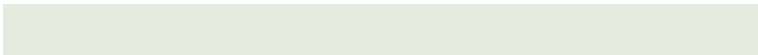
Harmonies

Analogous

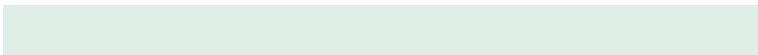
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2845, 81.9766, 79.5381



75.6278, 81.9766, 81.6491



74.5949, 81.9766, 85.8265

Triad

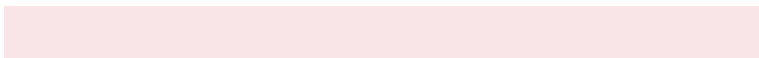
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6278, 81.9766, 81.6491



76.7085, 81.9766, 99.2614



81.4951, 81.9766, 87.4566

Complementary

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



75.6278, 81.9766, 81.6491



74.1643, 75.6567, 90.0554

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.



81.3349, 81.9766, 92.7809



75.6278, 81.9766, 81.6491



78.5515, 81.9766, 99.7404

Square

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



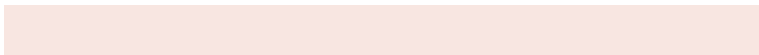
75.6278, 81.9766, 81.6491



75.2119, 81.9766, 96.0429



80.2505, 81.9766, 97.3267



80.6848, 81.9766, 82.8015

Rectangle

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



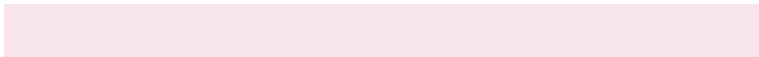
75.6278, 81.9766, 81.6491



74.3891, 81.9766, 89.2920



80.2505, 81.9766, 97.3267



81.5533, 81.9766, 89.2251

Sweetspot

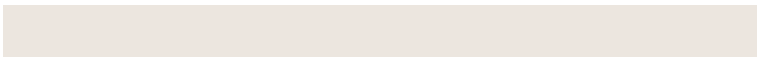
The Sweet Spot groups the original color and five complimentary colors.



75.6301, 81.9801, 81.6509



93.2362, 99.1586, 104.5857



76.1927, 79.7203, 81.1850



19.9754, 21.2329, 22.4308



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

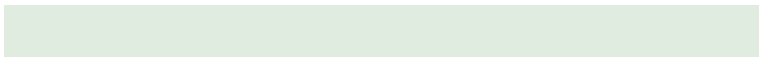
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6301, 81.9801, 81.6509



88.8588, 97.1251, 94.2994



73.8071, 81.0336, 81.8711



15.8120, 17.3344, 16.6764



20.1483, 34.9313, 5.6805



1.6920, 2.7996, 0.4512

Inverse Universe

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



74.1643, 75.6567, 90.0554



86.6524, 87.6067, 106.9504



76.0603, 76.6414, 89.8158



15.3885, 15.5076, 19.1045



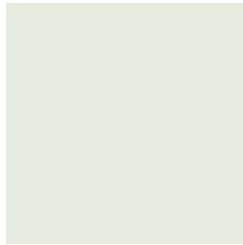
13.3309, 5.9083, 44.1808



1.1576, 0.5211, 3.4744

Previews

White Background



This preview shows how the XYZ color 75.6278, 81.9766, 81.6491 looks on a white background.

Color Contrast Check

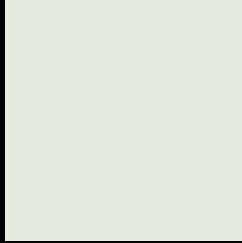
Large Text (above 18pt) WCAG AA × Fail

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 75.6278, 81.9766, 81.6491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

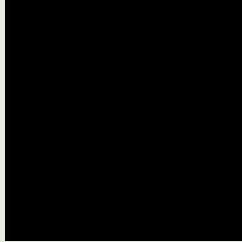
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

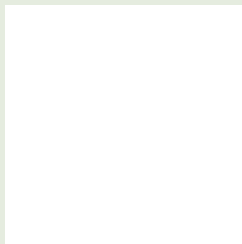
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6278, 81.9766, 81.6491

Background



This preview shows how black text looks on a background with the XYZ color 75.6278, 81.9766, 81.6491.



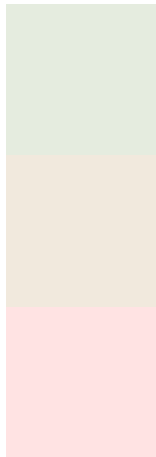
This preview shows how white text looks on a background with the XYZ color 75.6278, 81.9766,

81.6491.

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

75.6278, 81.9766, 81.6491

Protanopia

78.4657, 82.1991, 80.1370

Deuteranopia

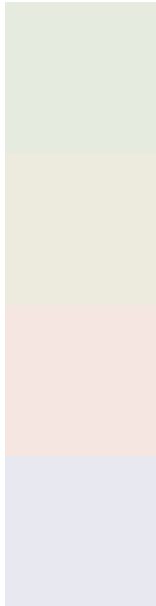
82.5742, 81.7442, 84.0991



Tritanopia

79.7162, 81.9390, 102.0568

Trichromacy



Original Color

75.6278, 81.9766, 81.6491

Protanomaly

77.5327, 82.1241, 80.8724

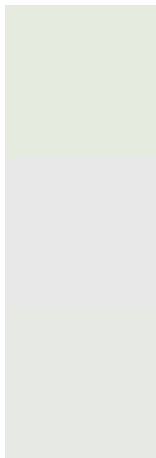
Deuteranomaly

80.0303, 81.6774, 83.4988

Tritanomaly

78.1458, 81.7249, 94.0938

Monochromacy



Original Color

75.6278, 81.9766, 81.6491

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2368, 80.9239, 85.7305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6278, 81.9766, 81.6491 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, 236, 223) looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 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(229, 236, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.6278, 81.9766, 81.6491 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, 236, 223) }
```


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

```
.border{ border-color:rgb(229, 236, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 236, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 223);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6278, 81.9766, 81.6491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 223) }
```

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

```
.background{ background-color: rgb(229,  
236, 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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