

Converting Colors

XYZ(76.5766, 81.9234, 75.0349)

Have a look what the booklet for
XYZ(76.5766, 81.9234, 75.0349)
contains.

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Color

**XYZ(76.3581, 81.6543,
74.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	EDEAD5
RGB	237, 234, 213
RGB Percent	93%, 92%, 84%
CMY	0.0706, 0.0823, 0.1647
CMYK	0.00, 0.01, 0.10, 0.07
HSL	53°, 40%, 88%
HSV	53°, 10%, 93%
XYZ	76.3581, 81.6543, 74.6871
YIQ	232.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

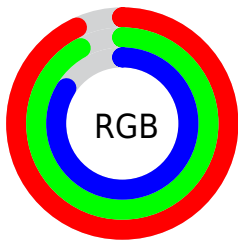
Format	Color
R _Y B	216, 237, 213
Decimal	15592149
CIE Lab	92.42, -2.53, 10.55
CIE LCh	92, 10.849, 103.466
Yxy	81.6543, 0.3281, 0.3509
Android (android.graphics.Color)	4293782229 (0xFFEDED5)
YUV	232.5030, -9.6150, 3.9439
Hunter-Lab	90.3628, -7.2993, 14.2493

Details

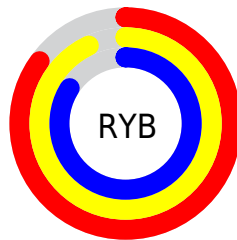
The XYZ color **76.3581, 81.6543, 74.6871** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.2823, 69.3709, 89.9653**, and the grayscale version is **77.1460, 81.1636, 88.3871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1480, 44.1332, 38.6976** is the 20% darker color. If you saturate the color by 10%, you get **72.7329, 78.8708, 59.7061**, and if you desaturate by 10%, it is **80.4415, 84.6490, 91.9917**.

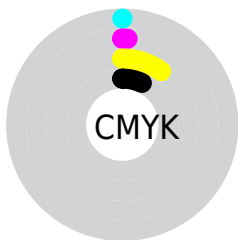
Distribution



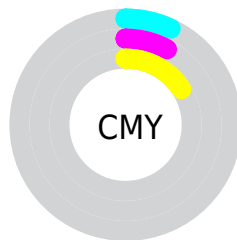
- Red (93%)
- Green (92%)
- Blue (84%)



- Red (85%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3581, 81.6543, 74.6871 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 76.3581, 81.6543, 74.6871 by changing the saturation by 10% instead.

76.3581, 81.6543,
74.6871

76.3581, 81.6543,
74.6871

471.4982,
500.4906, 496.0681

57.0243, 61.0806,
54.8564

127.2106,
135.6891, 127.6124

41.2649, 44.2902,
38.8889

159.4601,
169.9190, 161.5440

28.7148, 30.8987,
26.3662

196.7454,
209.4698, 201.0130

19.0083, 20.5218,
16.8696

239.4320,
254.7259, 246.4380

11.7803, 12.7749,
9.9806

287.8852,
306.0716, 298.2375

6.6654, 7.2737,
5.2806

342.4704,

3.2982, 3.6339,

363.8913, 356.8299

2.3512

403.5530,
428.5696, 422.6340

■ 1.3134, 1.4709,
0.7597

■ 0.1932, 0.2681,
0.0000

■ 76.3581, 81.6543,
74.6871

■ 76.3581, 81.6543,
74.6871

■ 72.7329, 78.8708,
59.7061

■ 80.4415, 84.6490,
91.9917

■ 69.5401, 76.2799,
46.9434

■ 84.1123, 87.4985,
107.0635

■ 66.7616, 73.8770,
36.2934

■ 84.9897, 89.2535,
107.3559

■ 64.3752, 71.6531,
27.6398

■ 85.8815, 91.0369,
107.6532

■ 62.3566, 69.5985,
20.8553

■ 86.7875, 92.8490,
107.9552

■ 60.6788, 67.7020,
15.7975

■ 87.7079, 94.6899,
108.2620

■ 59.3108, 65.9514,
12.3039

■ 88.6428, 96.5596,
108.5736

■ 58.2158, 64.3316,
10.1808

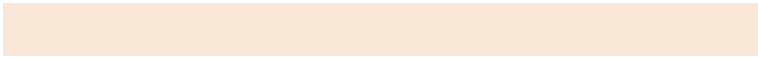
■ 88.7354, 96.7447,
108.6045

■ 57.3411, 62.8361,
9.1064

Harmonies

Analogous

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



79.1584, 81.6543, 74.8783



76.3581, 81.6543, 74.6871



73.9507, 81.6543, 78.1392

Triad

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



76.3581, 81.6543, 74.6871



73.7527, 81.6543, 99.9873



82.9077, 81.6543, 93.3862

Complementary

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



76.3581, 81.6543, 74.6871



67.2823, 69.3709, 89.9653

Split Complementary

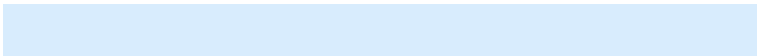
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3879, 81.6543, 100.6226



76.3581, 81.6543, 74.6871



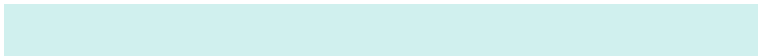
76.0819, 81.6543, 104.5883

Square

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



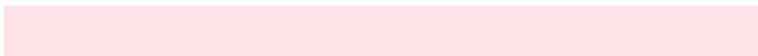
76.3581, 81.6543, 74.6871



72.4712, 81.6543, 92.5613



78.8754, 81.6543, 104.8276



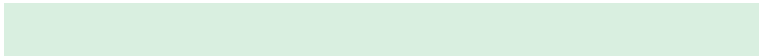
82.9860, 81.6543, 85.3515

Rectangle

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



76.3581, 81.6543, 74.6871



72.8739, 81.6543, 82.1701



78.8754, 81.6543, 104.8276



82.5469, 81.6543, 96.0038

Sweetspot

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



76.3603, 81.6579, 74.6889



93.5388, 98.9094, 102.4405



71.1408, 70.5623, 74.9729



19.9365, 21.1091, 21.5663



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.



76.3603, 81.6579, 74.6889



89.3027, 95.7712, 84.5847



74.3537, 81.9000, 74.8414



16.1822, 17.2874, 16.0026



31.3725, 34.4392, 4.9939



2.5085, 2.7943, 0.4071

Inverse Universe

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



67.2823, 69.3709, 89.9653



76.7182, 78.7385, 105.7623



69.1443, 69.2021, 89.8345



14.3827, 14.8518, 19.0309



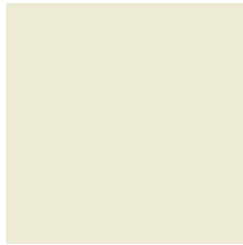
8.6440, 3.9351, 44.0469



0.7279, 0.4072, 3.4751

Previews

White Background



This preview shows how the XYZ color 76.3581, 81.6543, 74.6871 looks on a white background.

Color Contrast Check

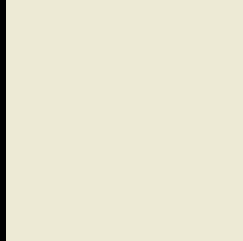
Large Text (above 18pt) WCAG AA × Fail

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 76.3581, 81.6543, 74.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

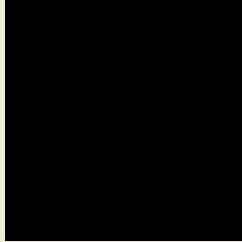
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

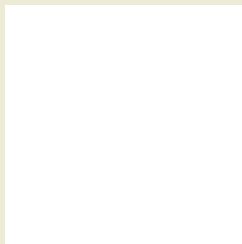
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3581, 81.6543, 74.6871

Background



This preview shows how black text looks on a background with the XYZ color 76.3581, 81.6543, 74.6871.



This preview shows how white text looks on a background with the XYZ color 76.3581, 81.6543,

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

76.3581, 81.6543, 74.6871

Protanopia

77.3582, 81.3439, 73.9111

Deuteranopia

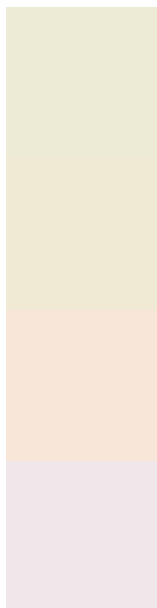
81.6274, 81.3655, 79.1130



Tritanopia

81.4258, 81.6313, 99.4605

Trichromacy



Original Color

76.3581, 81.6543, 74.6871

Protanomaly

76.9578, 81.5566, 73.9732

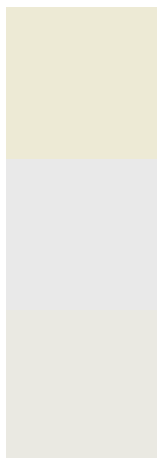
Deuteranomaly

79.5326, 81.5598, 77.1964

Tritanomaly

79.5065, 81.6753, 90.1717

Monochromacy



Original Color

76.3581, 81.6543, 74.6871

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.7981, 81.2612, 83.5888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3581, 81.6543, 74.6871 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(237, 234, 213) looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 213)  
}
```

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(237, 234, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.3581, 81.6543, 74.6871 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(237, 234, 213) }
```


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

```
.border{ border-color:rgb(237, 234, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 234, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3581, 81.6543, 74.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 213) }
```

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

```
.background{ background-color: rgb(237,  
234, 213) }
```

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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