

Converting Colors

XYZ(76.0583, 79.3031, 84.2595)

Have a look what the booklet for
XYZ(76.0583, 79.3031, 84.2595)
contains.

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Color

**XYZ(75.8161, 79.0771,
83.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE5E3
RGB	234, 229, 227
RGB Percent	92%, 90%, 89%
CMY	0.0823, 0.1019, 0.1098
CMYK	0.00, 0.02, 0.03, 0.08
HSL	17°, 14%, 90%
HSV	17°, 3%, 92%
XYZ	75.8161, 79.0771, 83.9405
YIQ	230.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

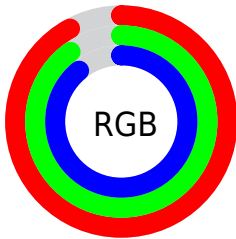
Format	Color
RYB	234, 230, 227
Decimal	15394275
CIELab	91.27, 1.34, 1.56
CIELCh	91, 2.057, 49.332
Yxy	79.0771, 0.3174, 0.3311
Android (android.graphics.Color)	4293584355 (0xFFEAE5E3)
YUV	230.2670, -1.6106, 3.2738
Hunter-Lab	88.9253, -3.4334, 6.2813

Details

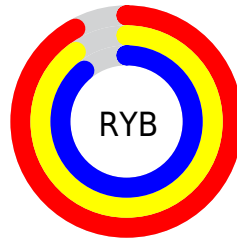
The XYZ color **75.8161, 79.0771, 83.9405** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3864, 79.9834, 89.3079**, and the grayscale version is **75.4230, 79.3509, 86.4131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9425, 42.7156, 45.1168** is the 20% darker color. If you saturate the color by 10%, you get **68.4032, 69.0728, 66.6036**, and if you desaturate by 10%, it is **84.1170, 90.1530, 103.7409**.

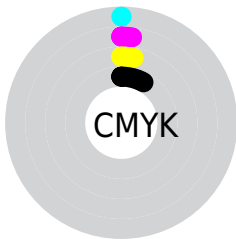
Distribution



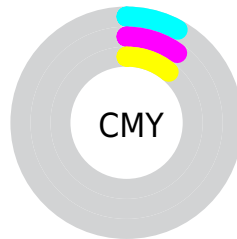
- Red (92%)
- Green (90%)
- Blue (89%)



- Red (92%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8161, 79.0771, 83.9405 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 75.8161, 79.0771, 83.9405 by changing the saturation by 10% instead.

■ 75.8161, 79.0771,
83.9405

■ 75.8161, 79.0771,
83.9405

469.6720,
491.8171, 528.1685

■ 56.5782, 58.9592,
62.4212

126.4487,
132.0674, 140.7529

■ 40.9055, 42.5803,
44.9351

158.5741,
165.7086, 176.8831

■ 28.4326, 29.5559,
31.0638

195.7261,
204.6263, 218.7207

■ 18.7942, 19.5018,
20.3885

238.2700,
249.2050, 266.6843

■ 11.6248, 12.0334,
12.4909

286.5712,
299.8290, 321.1923

■ 6.5591, 6.7664,
6.9524

340.9950,

■ 3.2318, 3.3165,

356.8828, 382.6633

3.3543

401.9068,
420.7507, 451.5159

■ 1.2775, 1.2991,
1.2783

■ 0.1663, 0.1405,
0.0439

■ 75.8161, 79.0771,
83.9405

■ 75.8161, 79.0771,
83.9405

■ 68.4032, 69.0728,
66.6036

■ 84.1170, 90.1530,
103.7409

■ 61.8417, 60.0978,
51.6283

■ 87.7421, 96.2326,
108.5580

■ 56.1018, 52.1218,
38.9130

■ 51.1497, 45.1095,
28.3470

■ 46.9490, 39.0232,
19.8099

■ 43.4603, 33.8227,
13.1694

■ 40.6403, 29.4645,
8.2773

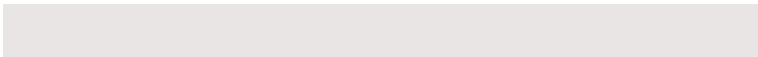
■ 38.4401, 25.9013,
4.9632

■ 36.8031, 23.0801,
3.0212

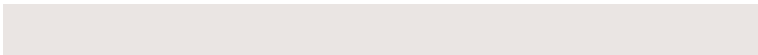
Harmonies

Analogous

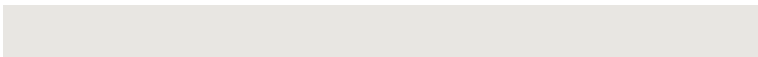
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1111, 79.0771, 85.1538



75.8161, 79.0771, 83.9405



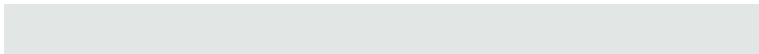
75.3463, 79.0771, 83.3087

Triad

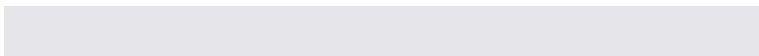
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8161, 79.0771, 83.9405



74.1788, 79.0771, 85.5707



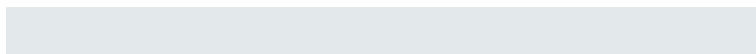
75.4930, 79.0771, 88.8413

Complementary

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



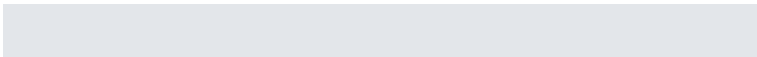
75.8161, 79.0771, 83.9405



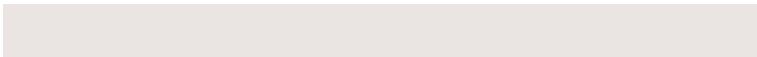
75.3864, 79.9834, 89.3079

Split Complementary

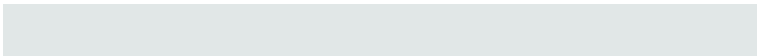
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9748, 79.0771, 88.9561



75.8161, 79.0771, 83.9405



74.2177, 79.0771, 87.0562

Square

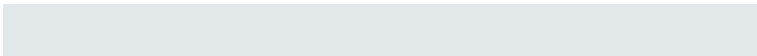
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



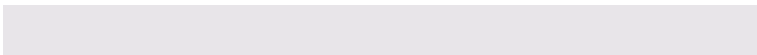
75.8161, 79.0771, 83.9405



74.4020, 79.0771, 84.2426



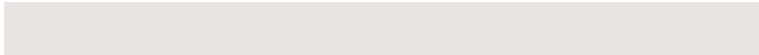
74.5085, 79.0771, 88.2993



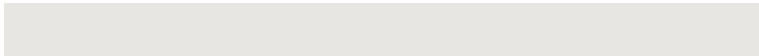
75.9240, 79.0771, 87.9875

Rectangle

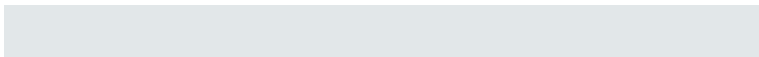
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



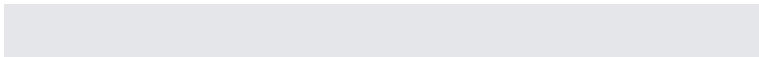
75.8161, 79.0771, 83.9405



74.9978, 79.0771, 83.2973



74.5085, 79.0771, 88.2993



75.3232, 79.0771, 88.9680

Sweetspot

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



75.8183, 79.0805, 83.9422



94.0643, 98.6812, 106.5594



75.9697, 78.2589, 87.4588



20.1440, 21.1357, 22.8328



0.0000, 0.0000, 0.0000



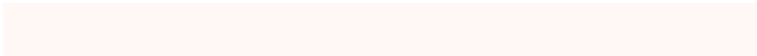
20.3446, 21.4041, 23.3091

Same Dimension

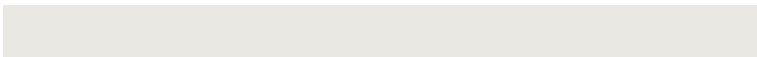
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8183, 79.0805, 83.9422



91.1724, 94.8033, 99.7198



76.7907, 81.0253, 84.2663



16.1876, 16.7958, 17.5535



20.2884, 12.2711, 1.2992



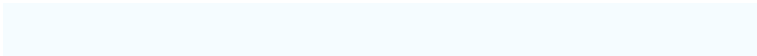
1.6728, 1.1230, 0.1286

Inverse Universe

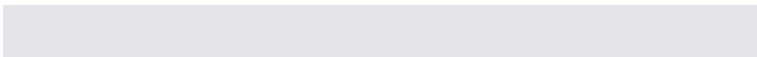
The Inverse Universe completely reimagines the original color for something new.



75.3864, 79.9834, 89.3079



90.4719, 96.2674, 108.4208



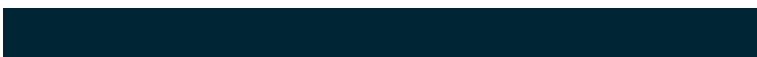
74.4167, 78.0441, 88.9847



16.0407, 17.1028, 19.3780



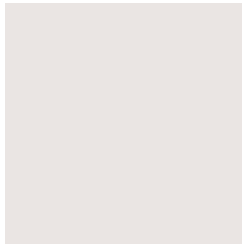
16.2242, 19.0954, 46.5736



1.3555, 1.6624, 3.6843

Previews

White Background



This preview shows how the XYZ color 75.8161, 79.0771, 83.9405 looks on a white background.

Color Contrast Check

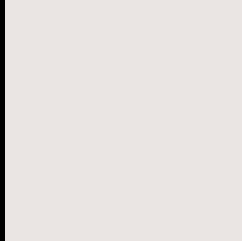
Large Text (above 18pt) WCAG AA × Fail

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 75.8161, 79.0771, 83.9405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

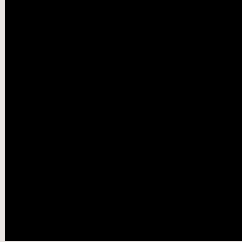
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

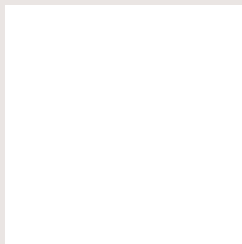
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8161, 79.0771, 83.9405

Background



This preview shows how black text looks on a background with the XYZ color 75.8161, 79.0771, 83.9405.



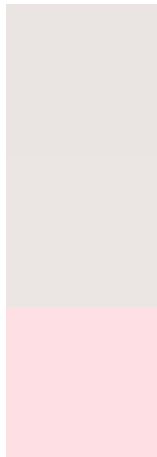
This preview shows how white text looks on a background with the XYZ color 75.8161, 79.0771,

83.9405.

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

75.8161, 79.0771, 83.9405

Protanopia

76.1454, 79.2468, 83.9559

Deuteranopia

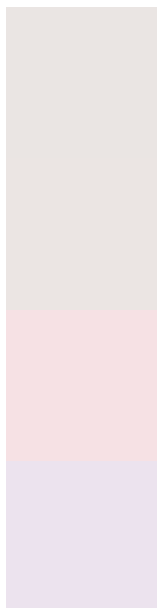
80.8993, 79.2594, 84.4335



Tritanopia

78.4505, 78.9289, 96.6880

Trichromacy



Original Color

75.8161, 79.0771, 83.9405

Protanomaly

76.1454, 79.2468, 83.9559

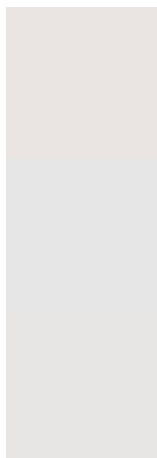
Deuteranomaly

78.9348, 79.0447, 84.4956

Tritanomaly

77.4938, 78.9441, 92.0423

Monochromacy



Original Color

75.8161, 79.0771, 83.9405

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3947, 79.2397, 85.4498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8161, 79.0771, 83.9405 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(234, 229, 227) looks like.

```
.text, #text, p{  
    color:rgb(234, 229, 227)  
}
```

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(234, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.8161, 79.0771, 83.9405 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(234, 229, 227) }
```


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

```
.border{ border-color:rgb(234, 229, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 229, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8161, 79.0771, 83.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 227) }
```

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

```
.background{ background-color: rgb(234,  
229, 227) }
```

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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