

Converting Colors

XYZ(75.2611, 81.7096, 87.6899)

Have a look what the booklet for
XYZ(75.2611, 81.7096, 87.6899)
contains.

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Color

**XYZ(75.1597, 81.6077,
87.3918)**

Conversions

Conversions Part 1

Format	Color
Hex	E0ECE7
RGB	224, 236, 231
RGB Percent	88%, 93%, 91%
CMY	0.1216, 0.0745, 0.0941
CMYK	0.05, 0.00, 0.02, 0.07
HSL	155°, 24%, 90%
HSV	155°, 5%, 93%
XYZ	75.1597, 81.6077, 87.3918
YIQ	231.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

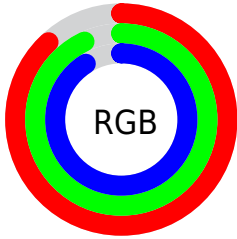
Format	Color
R_{YB}	224, 232, 236
Decimal	14740711
CIE Lab	92.40, -4.88, 1.03
CIE LCh	92, 4.990, 168.054
Yxy	81.6077, 0.3078, 0.3342
Android (android.graphics.Color)	4292930791 (0xFFE0ECE7)
YUV	231.8420, -0.4151, -6.8774
Hunter-Lab	90.3370, -9.5790, 5.8789

Details

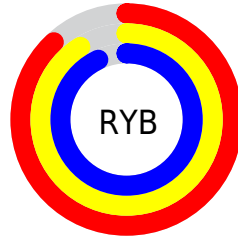
The XYZ color **75.1597, 81.6077, 87.3918** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3936, 76.8034, 84.9835**, and the grayscale version is **76.5915, 80.5802, 87.7519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4213, 44.1727, 46.9532** is the 20% darker color. If you saturate the color by 10%, you get **66.9967, 77.5579, 79.9602**, and if you desaturate by 10%, it is **84.4207, 86.2191, 95.2859**.

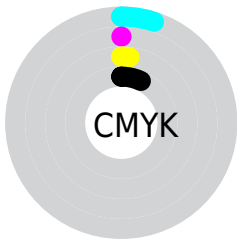
Distribution



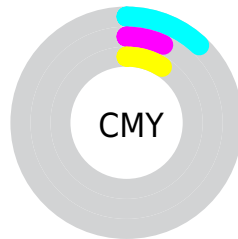
- Red (88%)
- Green (93%)
- Blue (91%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1597, 81.6077, 87.3918 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 75.1597, 81.6077, 87.3918 by changing the saturation by 10% instead.

■ 75.1597, 81.6077,
87.3918

■ 75.1597, 81.6077,
87.3918

467.4550,
500.3345, 539.8591

■ 56.0384, 61.0422,
65.2580

125.5251,
135.6237, 145.6138

■ 40.4708, 44.2592,
47.2177

157.4999,
169.8431, 182.5391

■ 28.0917, 30.8744,
32.8522

194.4898,
209.3825, 225.2320

■ 18.5356, 20.5032,
21.7430

236.8604,
254.6264, 274.1110

■ 11.4372, 12.7613,
13.4717

284.9768,
305.9591, 329.5947

■ 6.4312, 7.2644,
7.6196

339.2045,

■ 3.1521, 3.6280,

363.7651, 392.1015

3.7683

399.9088,
428.4288, 462.0501

■ 1.2347, 1.4677,
1.4991

■ 0.1335, 0.2659,
0.2173

■ 75.1597, 81.6077,
87.3918

■ 75.1597, 81.6077,
87.3918

■ 66.9967, 77.5579,
79.9602

■ 84.4207, 86.2191,
95.2859

■ 59.8819, 74.0372,
72.9770

■ 88.5988, 88.1987,
103.3547

■ 53.7718, 71.0259,
66.4352

■ 89.2870, 88.4740,
106.9790

■ 48.6173, 68.4985,
60.3254

■ 44.3649, 66.4278,
54.6380

■ 40.9554, 64.7833,
49.3628

■ 38.3224, 63.5312,
44.4892

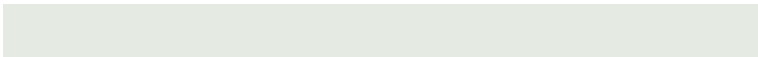
■ 36.3889, 62.6316,
40.0055

■ 35.0602, 62.0362,
35.8994

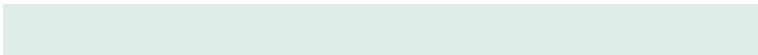
Harmonies

Analogous

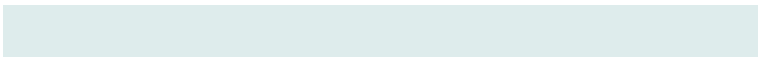
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7320, 81.6077, 84.1839



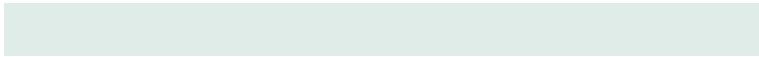
75.1597, 81.6077, 87.3918



75.2268, 81.6077, 91.0809

Triad

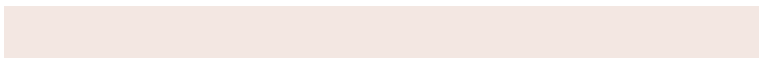
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1597, 81.6077, 87.3918



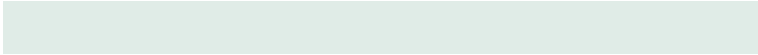
78.3384, 81.6077, 95.7969



79.2387, 81.6077, 83.6678

Complementary

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



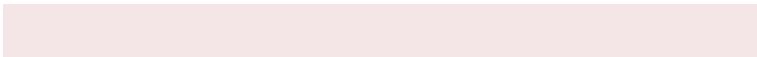
75.1597, 81.6077, 87.3918



75.3936, 76.8034, 84.9835

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.



79.9525, 81.6077, 86.6695



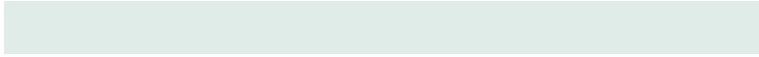
75.1597, 81.6077, 87.3918



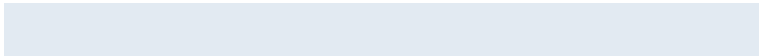
79.4287, 81.6077, 93.6997

Square

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



75.1597, 81.6077, 87.3918



77.0524, 81.6077, 96.0034



80.0224, 81.6077, 90.3383



78.0812, 81.6077, 82.0742

Rectangle

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



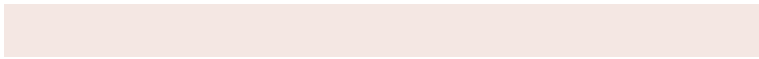
75.1597, 81.6077, 87.3918



75.6252, 81.6077, 93.3165



80.0224, 81.6077, 90.3383



79.5390, 81.6077, 84.5417

Sweetspot

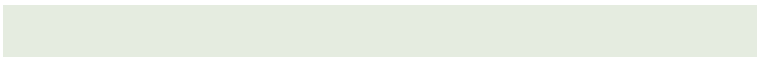
The Sweet Spot groups the original color and five complimentary colors.



75.1620, 81.6112, 87.3936



92.8581, 98.9093, 107.0206



75.8298, 82.0674, 82.3661



19.8984, 21.1821, 22.9266



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

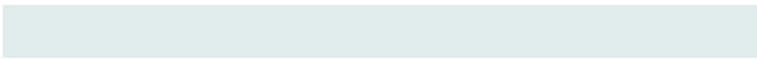
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1620, 81.6112, 87.3936



88.6334, 96.8088, 103.3284



75.6492, 81.4382, 91.0930



15.7442, 17.2616, 18.3850



19.1138, 34.1000, 19.0959



1.5487, 2.6968, 1.7510

Inverse Universe

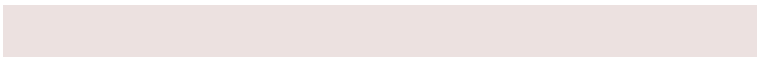
The Inverse Universe completely reimagines the original color for something new.



75.3936, 76.8034, 84.9835



88.9583, 90.0623, 99.9465



74.9203, 76.9590, 81.4280



15.8078, 15.9403, 17.7227



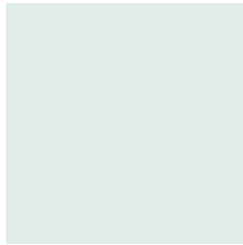
20.3539, 10.3443, 7.6652



1.6452, 0.8311, 0.8491

Previews

White Background



This preview shows how the XYZ color 75.1597, 81.6077, 87.3918 looks on a white background.

Color Contrast Check

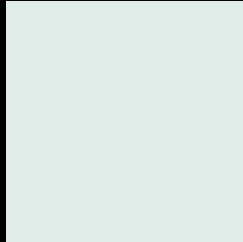
Large Text (above 18pt) WCAG AA × Fail

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 75.1597, 81.6077, 87.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

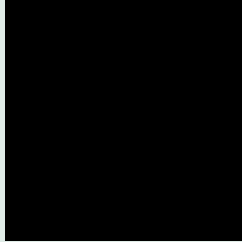
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

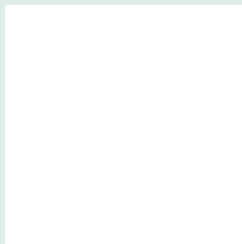
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1597, 81.6077, 87.3918

Background



This preview shows how black text looks on a background with the XYZ color 75.1597, 81.6077, 87.3918.



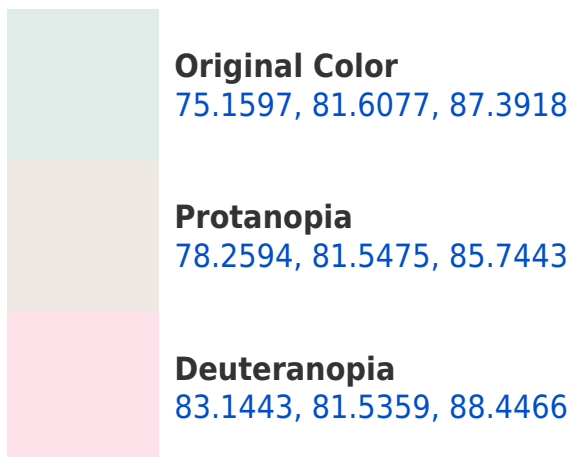
This preview shows how white text looks on a background with the XYZ color 75.1597, 81.6077,

87.3918.

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

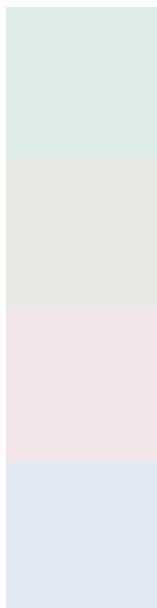




Tritanopia

78.2301, 81.5738, 102.8889

Trichromacy



Original Color

75.1597, 81.6077, 87.3918

Protanomaly

77.0261, 81.3146, 86.4985

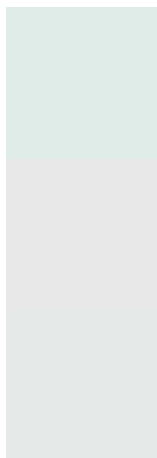
Deuteranomaly

80.1705, 81.6529, 87.8791

Tritanomaly

77.1160, 81.5460, 97.2635

Monochromacy



Original Color

75.1597, 81.6077, 87.3918

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0175, 80.7620, 87.9260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1597, 81.6077, 87.3918 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(224, 236, 231) looks like.

```
.text, #text, p{  
    color:rgb(224, 236, 231)  
}
```

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(224, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 236, 231) }
```

Border

The CSS property to change the border of an element to XYZ 75.1597, 81.6077, 87.3918 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(224, 236, 231) }
```


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

```
.border{ border-color:rgb(224, 236, 231) }
```

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

Here you see how a box with a 4 pixel rgb(224, 236, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(224, 236,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1597, 81.6077, 87.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 236, 231) }
```

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

```
.background{ background-color: rgb(224,  
236, 231) }
```

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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