

Converting Colors

XYZ(75.9666, 76.3915, 87.7339)

Have a look what the booklet for
XYZ(75.9666, 76.3915, 87.7339)
contains.

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Color

**XYZ(75.7543, 76.1303,
87.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE9
RGB	237, 222, 233
RGB Percent	93%, 87%, 91%
CMY	0.0706, 0.1294, 0.0863
CMYK	0.00, 0.06, 0.02, 0.07
HSL	316°, 29%, 90%
HSV	316°, 6%, 93%
XYZ	75.7543, 76.1303, 87.7927
YIQ	227.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

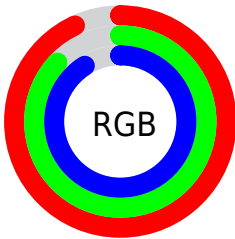
Format	Color
R _Y B	237, 222, 233
Decimal	15589097
CIE Lab	89.92, 7.03, -3.53
CIE LCh	90, 7.867, 333.343
Yxy	76.1303, 0.3161, 0.3176
Android (android.graphics.Color)	4293779177 (0xFFEDDEE9)
YUV	227.7390, 2.5937, 8.1219
Hunter-Lab	87.2527, 2.2846, 1.4199

Details

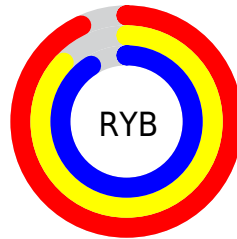
The XYZ color **75.7543, 76.1303, 87.7927** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1388, 81.5910, 83.7966**, and the grayscale version is **73.5329, 77.3623, 84.2476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8106, 40.6355, 47.2875** is the 20% darker color. If you saturate the color by 10%, you get **69.0105, 64.0611, 81.1693**, and if you desaturate by 10%, it is **83.4197, 89.9886, 94.8847**.

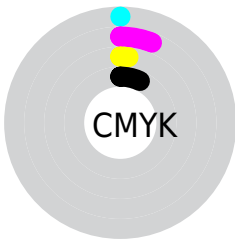
Distribution



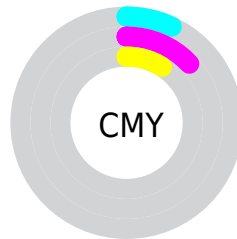
- Red (93%)
- Green (87%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7543, 76.1303, 87.7927 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 75.7543, 76.1303, 87.7927 by changing the saturation by 10% instead.

75.7543, 76.1303,
87.7927

75.7543, 76.1303,
87.7927

469.4635,
481.7936, 541.2078

56.5274, 56.5394,
65.5880

126.3617,
127.9111, 146.1771

40.8646, 40.6355,
47.4837

158.4730,
160.8697, 183.1940

28.4005, 28.0344,
33.0611

195.6098,
199.0530, 225.9853

18.7698, 18.3516,
21.9018

238.1374,
242.8454, 274.9696

11.6071, 11.2027,
13.5871

286.4212,
292.6313, 330.5655

6.5470, 6.2033,
7.6986

340.8266,

3.2242, 2.9691,

348.7950, 393.1914

3.8177

401.7189,
411.7210, 463.2661

■ 1.2734, 1.1156,
1.5259

■ 0.1632, 0.0000,
0.2371

■ 75.7543, 76.1303,
87.7927

■ 75.7543, 76.1303,
87.7927

■ 69.0105, 64.0611,
81.1693

■ 83.4197, 89.9886,
94.8847

■ 63.1445, 53.6976,
74.9956

■ 87.2656, 96.1568,
100.8640

■ 58.1191, 44.9644,
69.2584

■ 88.2509, 96.5509,
106.0526

■ 53.8915, 37.7766,
63.9418

■ 88.7355, 96.7448,
108.6045

■ 50.4151, 32.0416,
59.0285

■ 47.6383, 27.6569,
54.4995

■ 45.5029, 24.5065,
50.3336

■ 43.9408, 22.4548,
46.5064

■ 42.8670, 21.3325,
42.9876

Harmonies

Analogous

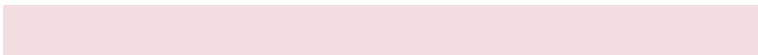
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4351, 76.1303, 92.1683



75.7543, 76.1303, 87.7927



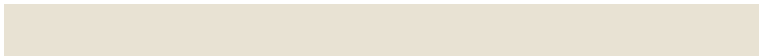
76.1584, 76.1303, 82.2698

Triad

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



75.7543, 76.1303, 87.7927



72.1417, 76.1303, 72.6518



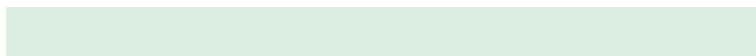
69.2795, 76.1303, 88.9217

Complementary

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



75.7543, 76.1303, 87.7927



74.1388, 81.5910, 83.7966

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.



68.6892, 76.1303, 83.5192



75.7543, 76.1303, 87.7927



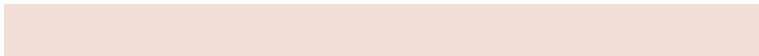
70.3230, 76.1303, 74.2618

Square

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



75.7543, 76.1303, 87.7927



74.0508, 76.1303, 73.6828



69.0678, 76.1303, 78.1790



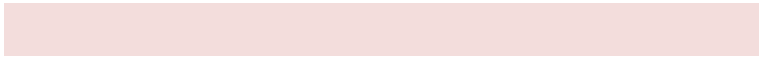
70.6943, 76.1303, 92.8404

Rectangle

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



75.7543, 76.1303, 87.7927



75.8486, 76.1303, 78.7202



69.0678, 76.1303, 78.1790



68.9792, 76.1303, 87.2106

Sweetspot

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



75.7565, 76.1336, 87.7943



93.2263, 96.7018, 107.2154



72.7745, 74.5295, 90.6718



19.9734, 20.7327, 22.9663



0.0000, 0.0000, 0.0000



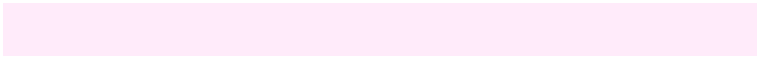
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7565, 76.1336, 87.7943



88.0201, 87.3223, 102.2957



74.7079, 75.7141, 82.2724



15.5333, 15.2412, 18.0939



23.2847, 11.5166, 23.0981



1.8679, 0.9201, 2.0218

Inverse Universe

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



75.7565, 76.1336, 87.7943



88.0201, 87.3223, 102.2957



75.1904, 82.0116, 89.3345



15.5333, 15.2412, 18.0939



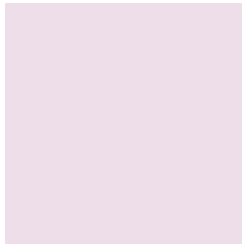
23.2847, 11.5166, 23.0981



1.8679, 0.9201, 2.0218

Previews

White Background



This preview shows how the XYZ color 75.7543, 76.1303, 87.7927 looks on a white background.

Color Contrast Check

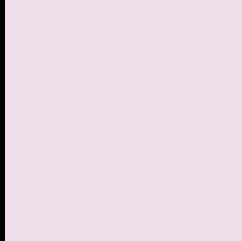
Large Text (above 18pt) WCAG AA × Fail

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 75.7543, 76.1303, 87.7927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

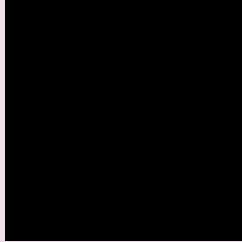
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

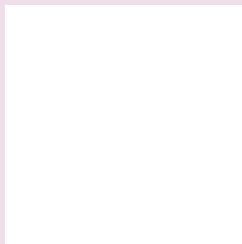
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7543, 76.1303, 87.7927

Background



This preview shows how black text looks on a background with the XYZ color 75.7543, 76.1303, 87.7927.



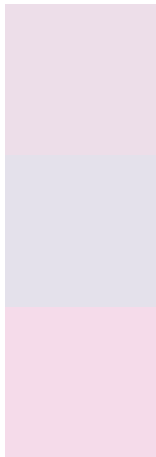
This preview shows how white text looks on a background with the XYZ color 75.7543, 76.1303,

87.7927.

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

75.7543, 76.1303, 87.7927

Protanopia

73.9155, 76.3426, 89.4371

Deuteranopia

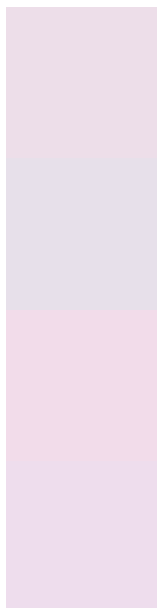
77.8390, 76.0160, 88.4119



Tritanopia

76.6963, 76.1220, 92.3120

Trichromacy



Original Color

75.7543, 76.1303, 87.7927

Protanomaly

74.4619, 76.2407, 88.6333

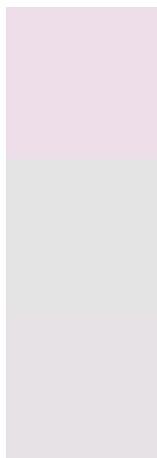
Deuteranomaly

77.0624, 76.0042, 88.4505

Tritanomaly

76.4024, 76.0045, 90.7643

Monochromacy



Original Color

75.7543, 76.1303, 87.7927

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4343, 77.0948, 85.8206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7543, 76.1303, 87.7927 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, 222, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 233)  
}
```

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, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.7543, 76.1303, 87.7927 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, 222, 233) }
```


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

```
.border{ border-color:rgb(237, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7543, 76.1303, 87.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 233) }
```

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

```
.background{ background-color: rgb(237,  
222, 233) }
```

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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