

Converting Colors

XYZ(75.2446, 78.3497, 87.7492)

Have a look what the booklet for
XYZ(75.2446, 78.3497, 87.7492)
contains.

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Color

**XYZ(75.2639, 78.3019,
87.4909)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E4E8
RGB	231, 228, 232
RGB Percent	91%, 89%, 91%
CMY	0.0941, 0.1059, 0.0902
CMYK	0.00, 0.02, 0.00, 0.09
HSL	285°, 8%, 90%
HSV	285°, 2%, 91%
XYZ	75.2639, 78.3019, 87.4909
YIQ	229.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

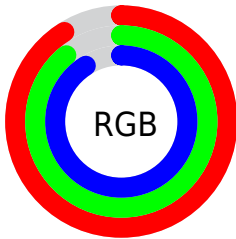
Format	Color
R_{YB}	231, 228, 232
Decimal	15197416
CIE Lab	90.92, 1.73, -1.60
CIE LCh	91, 2.352, 317.276
Yxy	78.3019, 0.3122, 0.3248
Android (android.graphics.Color)	4293387496 (0xFFE7E4E8)
YUV	229.3530, 1.3050, 1.4444
Hunter-Lab	88.4884, -3.0312, 3.3202

Details

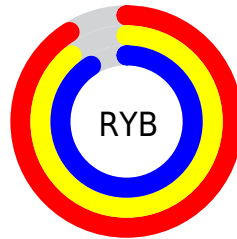
The XYZ color **75.2639, 78.3019, 87.4909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1762, 79.9748, 84.8772**, and the grayscale version is **74.7284, 78.6201, 85.6173**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4592, 42.1357, 47.0749** is the 20% darker color. If you saturate the color by 10%, you get **67.4630, 65.4349, 85.4196**, and if you desaturate by 10%, it is **83.9878, 92.9205, 89.8539**.

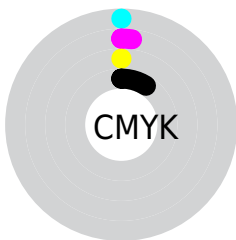
Distribution



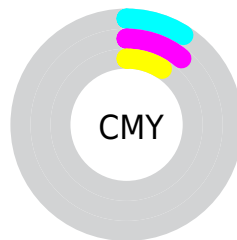
- Red (91%)
- Green (89%)
- Blue (91%)



- Red (91%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2639, 78.3019, 87.4909 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 75.2639, 78.3019, 87.4909 by changing the saturation by 10% instead.

■ 75.2639, 78.3019,
87.4909

■ 75.2639, 78.3019,
87.4909

467.8074,
489.1915, 540.1926

■ 56.1240, 58.3220,
65.3396

125.6718,
130.9756, 145.7531

■ 40.5398, 42.0676,
47.2834

157.6705,
164.4382, 182.7010

■ 28.1457, 29.1542,
32.9038

194.6862,
203.1639, 225.4182

■ 18.5766, 19.1975,
21.7822

237.0843,
247.5370, 274.3233

■ 11.4669, 11.8131,
13.5002

285.2301,
297.9419, 329.8347

■ 6.4514, 6.6165,
7.6391

339.4890,

■ 3.1647, 3.2235,

354.7630, 392.3711

3.7805

400.2263,
418.3848, 462.3509

■ 1.2414, 1.2495,
1.5057

■ 0.1387, 0.1016,
0.2222

■ 75.2639, 78.3019,
87.4909

■ 75.2639, 78.3019,
87.4909

■ 67.4630, 65.4349,
85.4196

■ 83.9878, 92.9205,
89.8539

■ 60.5440, 54.2414,
83.6238

■ 87.1543, 96.3321,
90.3456

■ 54.4724, 44.6522,
82.0929

■ 89.1855, 97.3792,
90.4406

■ 49.2089, 36.5894,
80.8140

■ 91.2806, 98.4593,
90.5387

■ 44.7106, 29.9686,
79.7731

■ 91.5657, 98.6063,
90.5520

■ 40.9308, 24.6970,
78.9548

■ 37.8170, 20.6707,
78.3418

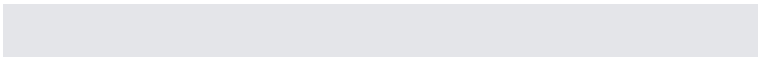
■ 35.3092, 17.7705,
77.9142

■ 33.3354, 15.8532,
77.6481

Harmonies

Analogous

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



74.7625, 78.3019, 88.4119



75.2639, 78.3019, 87.4909



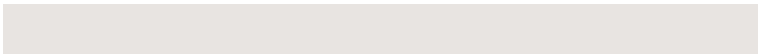
75.5407, 78.3019, 85.9783

Triad

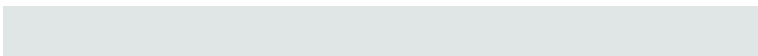
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2639, 78.3019, 87.4909



74.6749, 78.3019, 82.1135



73.3408, 78.3019, 86.2304

Complementary

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



75.2639, 78.3019, 87.4909



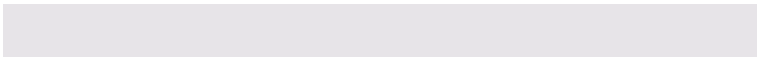
75.1762, 79.9748, 84.8772

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.



73.3176, 78.3019, 84.5407



75.2639, 78.3019, 87.4909



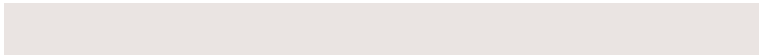
74.0857, 78.3019, 82.1789

Square

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



75.2639, 78.3019, 87.4909



75.1994, 78.3019, 82.8823



73.5896, 78.3019, 83.0624



73.6531, 78.3019, 87.6775

Rectangle

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



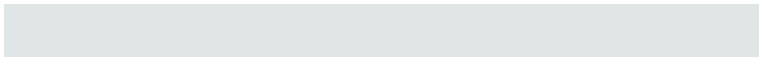
75.2639, 78.3019, 87.4909



75.5597, 78.3019, 84.8448



73.5896, 78.3019, 83.0624



73.2989, 78.3019, 85.6715

Sweetspot

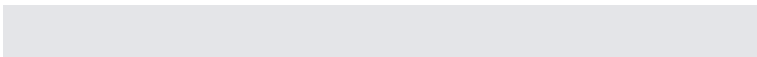
The Sweet Spot groups the original color and five complimentary colors.



75.2661, 78.3053, 87.4926



94.0075, 98.2630, 108.6197



74.6013, 78.3991, 87.5458



20.1325, 21.0506, 23.2520



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

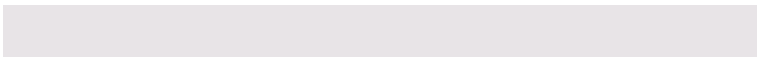
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2661, 78.3053, 87.4926



92.9766, 96.5478, 108.3429



75.4577, 78.4193, 86.8119



15.8870, 16.5103, 18.4938



17.8912, 8.2891, 43.0402



1.4057, 0.6556, 3.1844

Inverse Universe

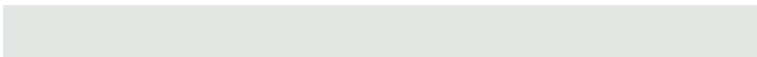
The Inverse Universe completely reimagines the original color for something new.



75.1677, 78.3033, 85.2850



92.8349, 96.5452, 105.1546



74.9879, 79.8627, 85.5460



15.8642, 16.5098, 17.9820



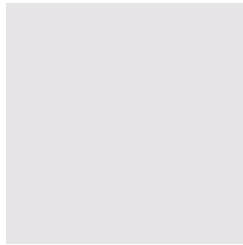
18.9423, 9.7111, 3.3252



1.4364, 0.7323, 0.4384

Previews

White Background



This preview shows how the XYZ color 75.2639, 78.3019, 87.4909 looks on a white background.

Color Contrast Check

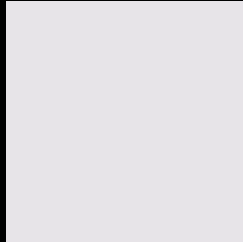
Large Text (above 18pt) WCAG AA × Fail

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 75.2639, 78.3019, 87.4909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

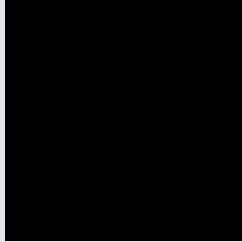
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

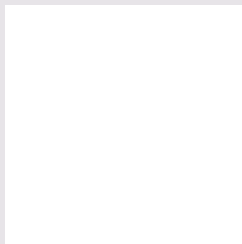
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2639, 78.3019, 87.4909

Background



This preview shows how black text looks on a background with the XYZ color 75.2639, 78.3019, 87.4909.



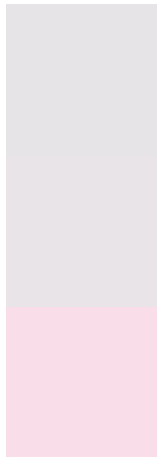
This preview shows how white text looks on a background with the XYZ color 75.2639, 78.3019,

87.4909.

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

75.2639, 78.3019, 87.4909

Protanopia

75.5876, 78.4688, 87.5060

Deuteranopia

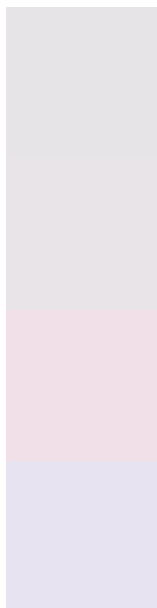
79.8962, 78.2655, 87.9866



Tritanopia

77.1298, 78.2480, 96.6262

Trichromacy



Original Color

75.2639, 78.3019, 87.4909

Protanomaly

75.5876, 78.4688, 87.5060

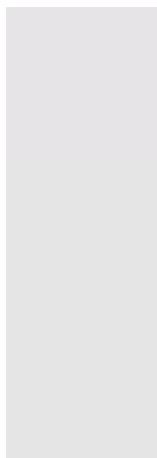
Deuteranomaly

77.9816, 78.0717, 88.0501

Tritanomaly

76.4760, 78.3852, 93.5372

Monochromacy



Original Color

75.2639, 78.3019, 87.4909

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9354, 78.5748, 86.0798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2639, 78.3019, 87.4909 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(231, 228, 232) looks like.

```
.text, #text, p{  
    color:rgb(231, 228, 232)  
}
```

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(231, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 228, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.2639, 78.3019, 87.4909 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(231, 228, 232) }
```


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

```
.border{ border-color:rgb(231, 228, 232) }
```

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

Here you see how a box with a 4 pixel rgb(231, 228, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 228,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2639, 78.3019, 87.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 228, 232) }
```

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

```
.background{ background-color: rgb(231,  
228, 232) }
```

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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