

Converting Colors

XYZ(75.5398, 78.8537, 87.5829)

Have a look what the booklet for
XYZ(75.5398, 78.8537, 87.5829)
contains.

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Color

**XYZ(75.5398, 78.8537,
87.5829)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E5E8
RGB	231, 229, 232
RGB Percent	91%, 90%, 91%
CMY	0.0941, 0.1019, 0.0902
CMYK	0.00, 0.01, 0.00, 0.09
HSL	280°, 6%, 90%
HSV	280°, 1%, 91%
XYZ	75.5398, 78.8537, 87.5829
YIQ	229.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

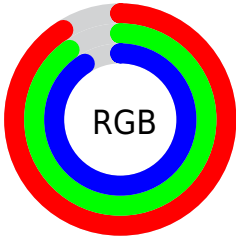
Format	Color
RYB	231, 229, 232
Decimal	15197672
CIELab	91.17, 1.21, -1.23
CIElCh	91, 1.726, 314.613
Yxy	78.8537, 0.3122, 0.3259
Android (android.graphics.Color)	4293387752 (0xFFE7E5E8)
YUV	229.9400, 1.0156, 0.9296
Hunter-Lab	88.7996, -3.5534, 3.6821

Details

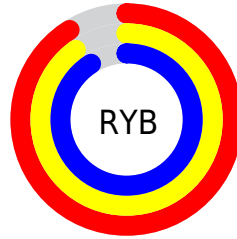
The XYZ color **75.5398, 78.8537, 87.5829** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6356, 80.1955, 85.6255**, and the grayscale version is **75.1639, 79.0783, 86.1163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6517, 42.5207, 47.1390** is the 20% darker color. If you saturate the color by 10%, you get **67.1012, 65.6042, 85.4714**, and if you desaturate by 10%, it is **84.9513, 93.8827, 89.9889**.

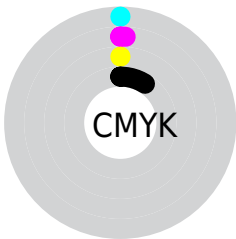
Distribution



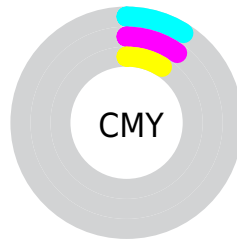
- Red (91%)
- Green (90%)
- Blue (91%)



- Red (91%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5398, 78.8537, 87.5829 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 75.5398, 78.8537, 87.5829 by changing the saturation by 10% instead.

■ 75.5398, 78.8537,
87.5829

■ 75.5398, 78.8537,
87.5829

468.7395,
491.0613, 540.5022

■ 56.3510, 58.7755,
65.4153

126.0600,
131.7529, 145.8824

■ 40.7225, 42.4324,
47.3444

158.1221,
165.3427, 182.8513

■ 28.2890, 29.4401,
32.9517

195.2059,
204.2051, 225.5911

■ 18.6852, 19.4140,
21.8187

237.6770,
248.7247, 274.5204

■ 11.5457, 11.9698,
13.5267

285.9005,
299.2857, 330.0576

■ 6.5051, 6.7231,
7.6572

340.2418,

■ 3.1981, 3.2895,

356.2725, 392.6212

3.7918

401.0664,
420.0696, 462.6299

■ 1.2594, 1.2847,
1.5118

■ 0.1525, 0.1293,
0.2267

■ 75.5398, 78.8537,
87.5829

■ 75.5398, 78.8537,
87.5829

■ 67.1012, 65.6042,
85.4714

■ 84.9513, 93.8827,
89.9889

■ 59.5936, 54.0557,
83.6380

■ 88.5033, 97.0276,
90.4087

■ 52.9818, 44.1388,
82.0724

■ 91.2837, 98.4609,
90.5389

■ 47.2256, 35.7755,
80.7615

■ 91.5657, 98.6063,
90.5521

■ 42.2817, 28.8812,
79.6913

■ 38.1024, 23.3630,
78.8465

■ 34.6348, 19.1171,
78.2097

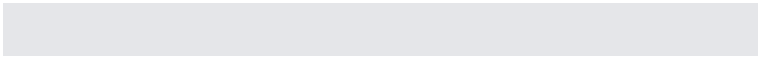
■ 31.8182, 16.0246,
77.7612

■ 29.5801, 13.9432,
77.4774

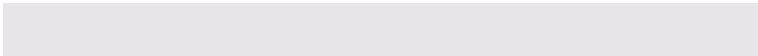
Harmonies

Analogous

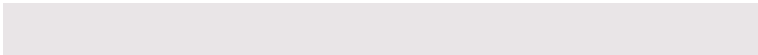
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1603, 78.8537, 88.2082



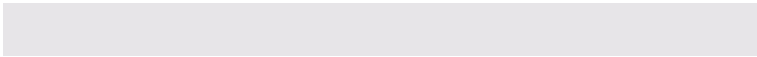
75.5398, 78.8537, 87.5829



75.7612, 78.8537, 86.4984

Triad

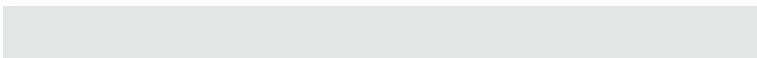
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5398, 78.8537, 87.5829



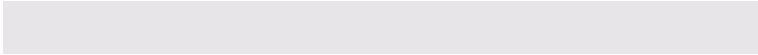
75.1713, 78.8537, 83.5587



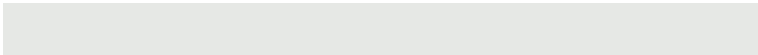
74.1379, 78.8537, 86.4669

Complementary

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



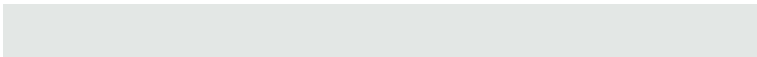
75.5398, 78.8537, 87.5829



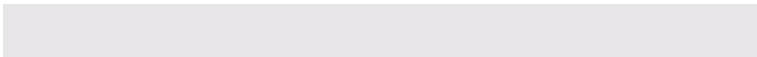
75.6356, 80.1955, 85.6255

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.



74.1408, 78.8537, 85.2213



75.5398, 78.8537, 87.5829



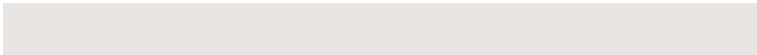
74.7363, 78.8537, 83.5505

Square

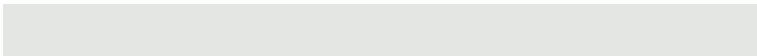
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5398, 78.8537, 87.5829



75.5479, 78.8537, 84.1791



74.3595, 78.8537, 84.1564



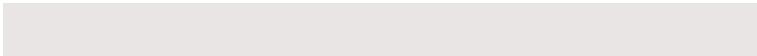
74.3515, 78.8537, 87.5596

Rectangle

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



75.5398, 78.8537, 87.5829



75.7888, 78.8537, 85.6649



74.3595, 78.8537, 84.1564



74.1136, 78.8537, 86.0520

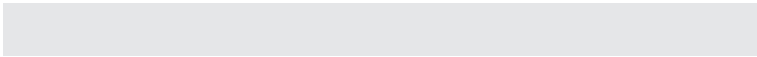
Sweetspot

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



75.5420, 78.8571, 87.5846

95.0500, 100.0000, 108.9000



75.1924, 79.1089, 87.6517



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



75.5420, 78.8571, 87.5846



92.8211, 96.4677, 108.3357



75.8020, 78.9985, 87.2639



15.8620, 16.4974, 18.4926



15.6833, 7.1510, 42.9368



1.2565, 0.5787, 3.1774

Inverse Universe

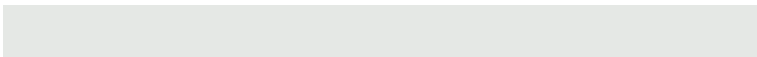
The Inverse Universe completely reimagines the original color for something new.



75.5837, 78.9112, 86.1146



92.9022, 96.5722, 105.5091



75.3784, 80.0556, 85.9416



15.8750, 16.5142, 18.0389



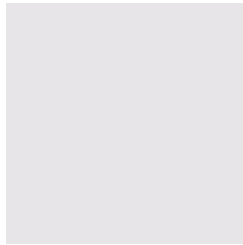
19.2795, 9.8460, 5.1009



1.4666, 0.7443, 0.5976

Previews

White Background



This preview shows how the XYZ color 75.5398, 78.8537, 87.5829 looks on a white background.

Color Contrast Check

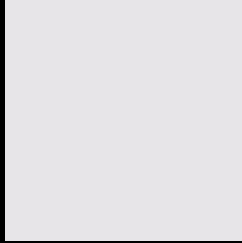
Large Text (above 18pt) WCAG AA × Fail

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 75.5398, 78.8537, 87.5829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

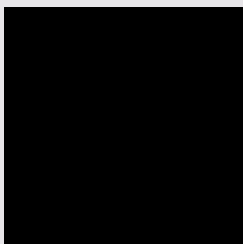
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

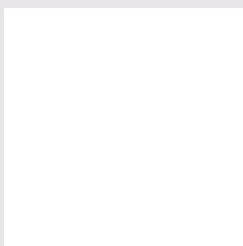
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5398, 78.8537, 87.5829

Background



This preview shows how black text looks on a background with the XYZ color 75.5398, 78.8537, 87.5829.



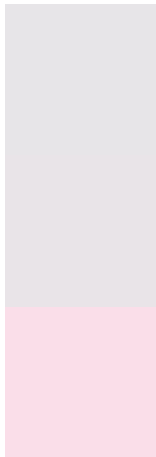
This preview shows how white text looks on a background with the XYZ color 75.5398, 78.8537,

87.5829.

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

75.5398, 78.8537, 87.5829

Protanopia

75.9132, 78.6366, 87.5213

Deuteranopia

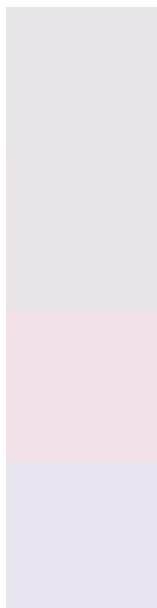
80.2536, 78.4497, 88.0033



Tritanopia

77.5548, 78.8544, 97.5190

Trichromacy



Original Color

75.5398, 78.8537, 87.5829

Protanomaly

75.5876, 78.4688, 87.5060

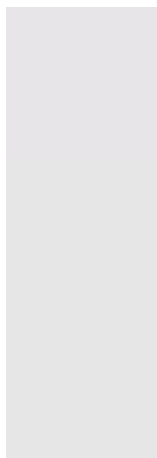
Deuteranomaly

78.5953, 78.7883, 88.1560

Tritanomaly

76.7503, 78.9339, 93.6287

Monochromacy



Original Color

75.5398, 78.8537, 87.5829

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3537, 79.1861, 86.9142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5398, 78.8537, 87.5829 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, 229, 232) looks like.

```
.text, #text, p{  
    color:rgb(231, 229, 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, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 229, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.5398, 78.8537, 87.5829 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, 229, 232) }
```

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

```
.border{ border-color:rgb(231, 229, 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, 229, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 229,  
232) }
```


Background

The CSS property to change the background color of an element to XYZ 75.5398, 78.8537, 87.5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 229, 232) }
```

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

```
.background{ background-color: rgb(231,  
229, 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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