

Converting Colors

XYZ(73.9815, 77.3278, 87.2069)

Have a look what the booklet for
XYZ(73.9815, 77.3278, 87.2069)
contains.

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Color

**XYZ(74.0295, 77.2583,
87.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E3E8
RGB	228, 227, 232
RGB Percent	89%, 89%, 91%
CMY	0.1059, 0.1098, 0.0902
CMYK	0.02, 0.02, 0.00, 0.09
HSL	252°, 10%, 90%
HSV	252°, 2%, 91%
XYZ	74.0295, 77.2583, 87.3545
YIQ	227.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

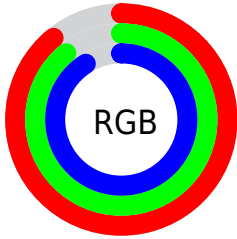
Format	Color
R _Y B	228, 227, 232
Decimal	15000552
CIE Lab	90.44, 1.24, -2.32
CIE LCh	90, 2.633, 298.137
Yxy	77.2583, 0.3102, 0.3237
Android (android.graphics.Color)	4293190632 (0xFFE4E3E8)
YUV	227.8690, 2.0366, 0.1149
Hunter-Lab	87.8967, -3.4806, 2.6034

Details

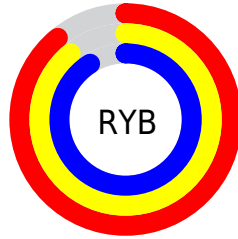
The XYZ color **74.0295, 77.2583, 87.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6795, 80.2502, 84.1780**, and the grayscale version is **73.6350, 77.4698, 84.3646**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8226, 41.5239, 46.9903** is the 20% darker color. If you saturate the color by 10%, you get **62.5283, 62.5374, 85.1204**, and if you desaturate by 10%, it is **87.0231, 94.0222, 89.9066**.

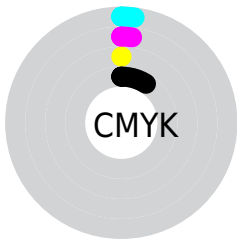
Distribution



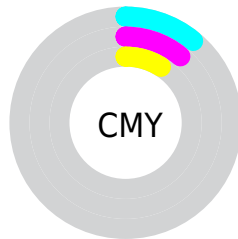
- Red (89%)
- Green (89%)
- Blue (91%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0295, 77.2583, 87.3545 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 74.0295, 77.2583, 87.3545 by changing the saturation by 10% instead.

■ 74.0295, 77.2583,
87.3545

■ 74.0295, 77.2583,
87.3545

463.6239,
485.6443, 539.7335

■ 55.1096, 57.4649,
65.2273

123.9329,
129.5040, 145.5614

■ 39.7236, 41.3786,
47.1929

155.6471,
162.7252, 182.4781

■ 27.5064, 28.6150,
32.8327

192.3567,
201.1910, 225.1619

■ 18.0924, 18.7898,
21.7283

234.4271,
245.2859, 274.0311

■ 11.1165, 11.5185,
13.4610

282.2237,
295.3943, 329.5043

■ 6.2131, 6.4167,
7.6123

336.1118,

■ 3.0170, 3.1001,

351.9005, 392.0001

3.7637

396.4567,
415.1891, 461.9369

■ 1.1627, 1.1842,
1.4966

■ 0.0766, 0.0488,
0.2154

■ 74.0295, 77.2583,
87.3545

■ 74.0295, 77.2583,
87.3545

■ 62.5283, 62.5374,
85.1204

■ 87.0231, 94.0222,
89.9066

■ 52.4590, 49.7713,
83.1870

■ 91.5657, 98.6063,
90.5520

■ 43.7667, 38.8801,
81.5430

■ 36.3904, 29.7747,
80.1742

■ 30.2644, 22.3584,
79.0656

■ 25.3171, 16.5254,
78.2005

■ 21.4694, 12.1578,
77.5602

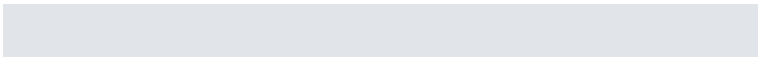
■ 18.6320, 9.1205,
77.1235

■ 16.7003, 7.2527,
76.8648

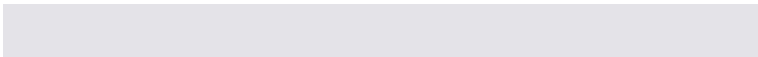
Harmonies

Analogous

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



73.3906, 77.2583, 87.7920



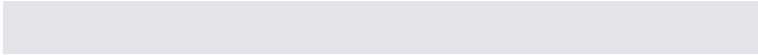
74.0295, 77.2583, 87.3545



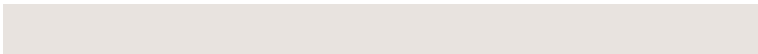
74.5107, 77.2583, 86.0470

Triad

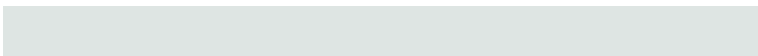
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0295, 77.2583, 87.3545



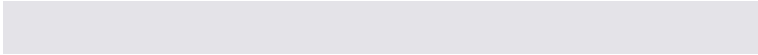
74.1011, 77.2583, 81.0834



72.1754, 77.2583, 84.0035

Complementary

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



74.0295, 77.2583, 87.3545



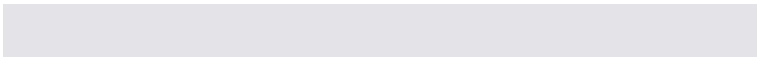
75.6795, 80.2502, 84.1780

Split Complementary

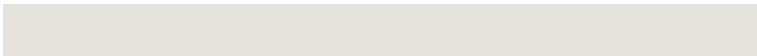
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3632, 77.2583, 82.2243



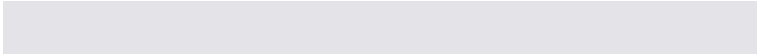
74.0295, 77.2583, 87.3545



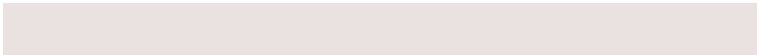
73.4728, 77.2583, 80.5540

Square

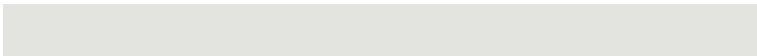
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



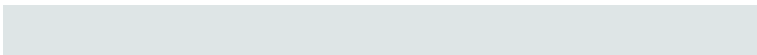
74.0295, 77.2583, 87.3545



74.5522, 77.2583, 82.4252



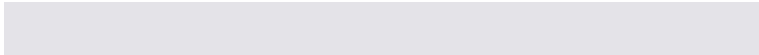
72.8371, 77.2583, 80.9686



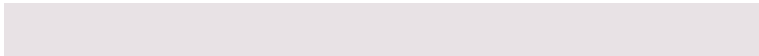
72.3225, 77.2583, 85.8402

Rectangle

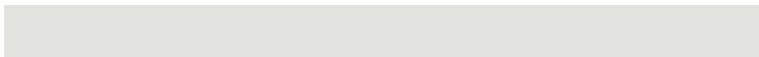
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0295, 77.2583, 87.3545



74.6759, 77.2583, 84.8677



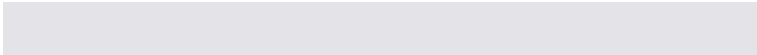
72.8371, 77.2583, 80.9686



72.2014, 77.2583, 83.3790

Sweetspot

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



74.0317, 77.2616, 87.3562



93.4948, 97.9987, 108.5957



74.8458, 79.3578, 87.7179



20.0281, 20.9968, 23.2471



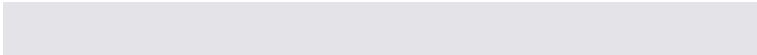
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.0317, 77.2616, 87.3562



90.4406, 94.0727, 107.9989



74.8041, 77.6598, 87.3923



15.2384, 15.8029, 18.3914



8.7999, 3.6024, 42.6147



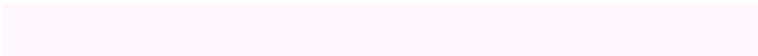
0.7249, 0.3047, 3.1526

Inverse Universe

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



75.1743, 77.8669, 86.6728



92.4132, 95.1179, 106.8140



74.9045, 79.8507, 84.1417



15.6585, 16.0255, 18.1382



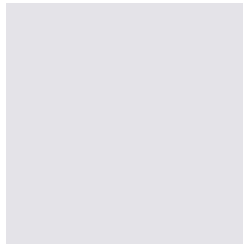
23.4253, 11.5043, 26.9322



1.7625, 0.8627, 2.1558

Previews

White Background



This preview shows how the XYZ color 74.0295, 77.2583, 87.3545 looks on a white background.

Color Contrast Check

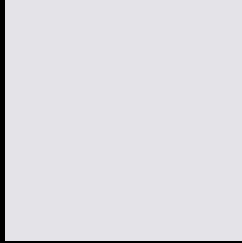
Large Text (above 18pt) WCAG AA × Fail

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 74.0295, 77.2583, 87.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

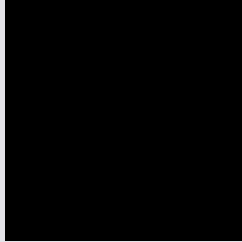
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

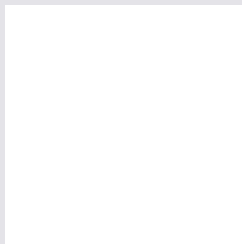
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.0295, 77.2583, 87.3545

Background



This preview shows how black text looks on a background with the XYZ color 74.0295, 77.2583, 87.3545.



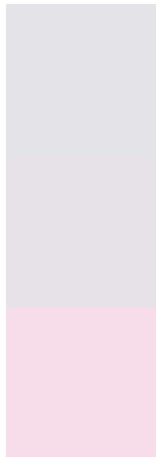
This preview shows how white text looks on a background with the XYZ color 74.0295, 77.2583,

87.3545.

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

74.0295, 77.2583, 87.3545

Protanopia

74.3950, 77.0419, 87.2935

Deuteranopia

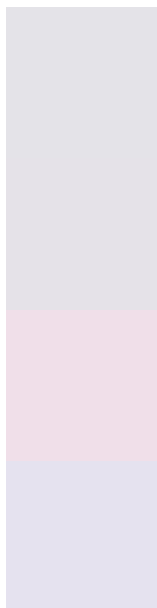
78.9222, 77.3703, 87.8651



Tritanopia

75.7360, 77.1445, 95.6927

Trichromacy



Original Color

74.0295, 77.2583, 87.3545

Protanomaly

74.0749, 76.8769, 87.2785

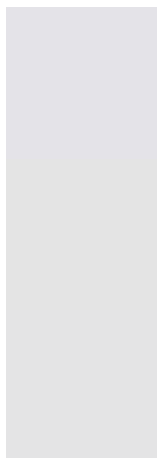
Deuteranomaly

77.0308, 77.1838, 87.9288

Tritanomaly

75.0894, 77.2827, 92.6208

Monochromacy



Original Color

74.0295, 77.2583, 87.3545

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8812, 77.6379, 85.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0295, 77.2583, 87.3545 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(228, 227, 232) looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 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(228, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.0295, 77.2583, 87.3545 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(228, 227, 232) }
```


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

```
.border{ border-color:rgb(228, 227, 232) }
```

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

Here you see how a box with a 4 pixel rgb(228, 227, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0295, 77.2583, 87.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 232) }
```

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

```
.background{ background-color: rgb(228,  
227, 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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