

Converting Colors

XYZ(73.2584, 76.3034, 87.0426)

Have a look what the booklet for
XYZ(73.2584, 76.3034, 87.0426)
contains.

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Color

**XYZ(73.4404, 76.5498,
87.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E2E8
RGB	227, 226, 232
RGB Percent	89%, 89%, 91%
CMY	0.1098, 0.1137, 0.0902
CMYK	0.02, 0.03, 0.00, 0.09
HSL	250°, 12%, 90%
HSV	250°, 3%, 91%
XYZ	73.4404, 76.5498, 87.2488
YIQ	226.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

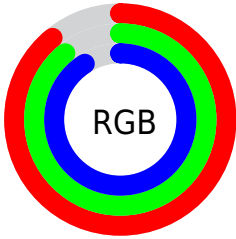
Format	Color
R _Y B	227, 226, 232
Decimal	14934760
CIE Lab	90.11, 1.42, -2.81
CIE LCh	90, 3.150, 296.893
Yxy	76.5498, 0.3096, 0.3227
Android (android.graphics.Color)	4293124840 (0xFFE3E2E8)
YUV	226.9830, 2.4734, 0.0149
Hunter-Lab	87.4927, -3.2815, 2.1202

Details

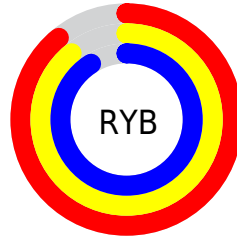
The XYZ color **73.4404, 76.5498, 87.2488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5420, 80.1952, 83.4531**, and the grayscale version is **72.9865, 76.7875, 83.6215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4126, 41.0311, 46.9168** is the 20% darker color. If you saturate the color by 10%, you get **61.7915, 61.8063, 85.0181**, and if you desaturate by 10%, it is **86.6329, 93.3604, 89.7994**.

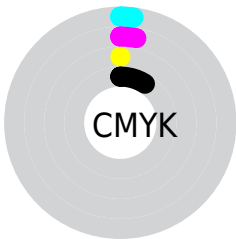
Distribution



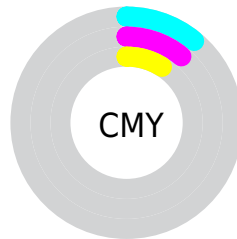
- Red (89%)
- Green (89%)
- Blue (91%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4404, 76.5498, 87.2488 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 73.4404, 76.5498, 87.2488 by changing the saturation by 10% instead.

■ 73.4404, 76.5498,
87.2488

■ 73.4404, 76.5498,
87.2488

461.6199,
483.2277, 539.3775

■ 54.6258, 56.8835,
65.1403

123.1020,
128.5038, 145.4128

■ 39.3349, 40.9117,
47.1228

154.6797,
161.5602, 182.3054

■ 27.2022, 28.2501,
32.7777

191.2425,
199.8488, 224.9631

■ 17.8625, 18.5143,
21.6865

233.1557,
243.7539, 273.8045

■ 10.9504, 11.3198,
13.4306

280.7847,
293.6600, 329.2481

■ 6.1006, 6.2824,
7.5915

334.4948,

■ 2.9476, 3.0175,

349.9513, 391.7124

3.7507

394.6514,
413.0125, 461.6161

■ 1.1261, 1.1409,
1.4896

■ 0.0468, 0.0126,
0.2102

■ 73.4404, 76.5498,
87.2488

■ 73.4404, 76.5498,
87.2488

■ 61.7915, 61.8063,
85.0181

■ 86.6329, 93.3604,
89.7994

■ 51.6230, 49.0404,
83.0900

■ 91.5657, 98.6063,
90.5520

■ 42.8769, 38.1705,
81.4529

■ 35.4891, 29.1055,
80.0925

■ 29.3902, 21.7467,
78.9936

■ 24.5046, 15.9859,
78.1391

■ 20.7490, 11.7025,
77.5103

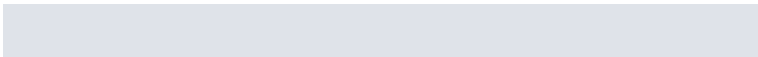
■ 18.0284, 8.7581,
77.0854

■ 16.2319, 6.9875,
76.8383

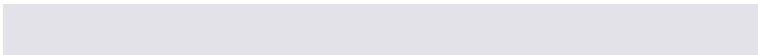
Harmonies

Analogous

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



72.6768, 76.5498, 87.7232



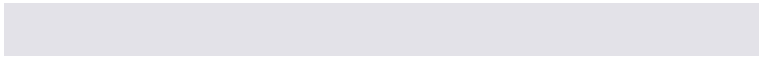
73.4404, 76.5498, 87.2488



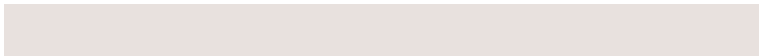
74.0248, 76.5498, 85.7236

Triad

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



73.4404, 76.5498, 87.2488



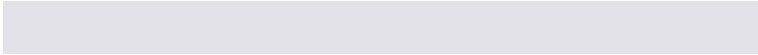
73.5825, 76.5498, 79.7950



71.2675, 76.5498, 83.1166

Complementary

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



73.4404, 76.5498, 87.2488



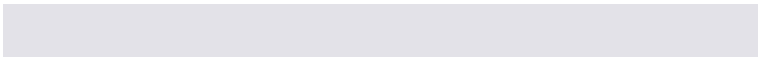
75.5420, 80.1952, 83.4531

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.



71.5063, 76.5498, 81.0201



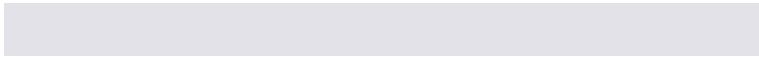
73.4404, 76.5498, 87.2488



72.8398, 76.5498, 79.1241

Square

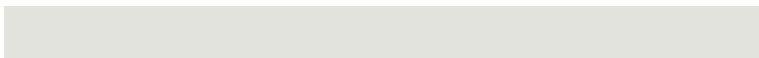
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4404, 76.5498, 87.2488



74.1073, 76.5498, 81.4174



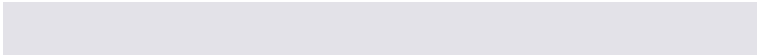
72.0804, 76.5498, 79.5686



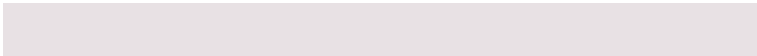
71.4258, 76.5498, 85.3124

Rectangle

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



73.4404, 76.5498, 87.2488



74.2323, 76.5498, 84.3299



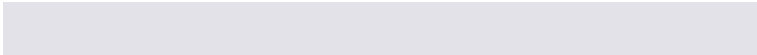
72.0804, 76.5498, 79.5686



71.3039, 76.5498, 82.3772

Sweetspot

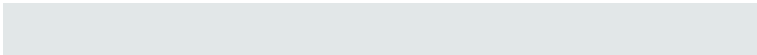
The Sweet Spot groups the original color and five complimentary colors.



73.4426, 76.5531, 87.2505



93.4639, 97.9827, 108.5942



74.5359, 79.2049, 87.7047



20.0218, 20.9936, 23.2469



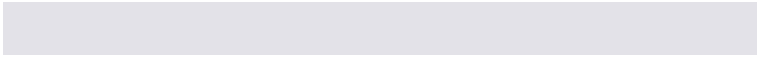
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.4426, 76.5531, 87.2505



90.3499, 94.0260, 107.9946



74.3655, 77.0289, 87.2937



15.2192, 15.7930, 18.3905



8.6117, 3.5054, 42.6059



0.7036, 0.2937, 3.1516

Inverse Universe

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



74.9016, 77.3215, 86.5820



92.4539, 95.1342, 107.0284



74.6132, 79.7164, 83.4096



15.6672, 16.0289, 18.1840



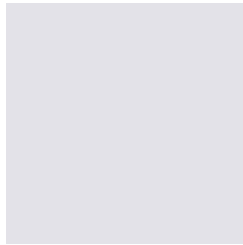
23.8873, 11.6891, 29.3652



1.7926, 0.8748, 2.3146

Previews

White Background



This preview shows how the XYZ color 73.4404, 76.5498, 87.2488 looks on a white background.

Color Contrast Check

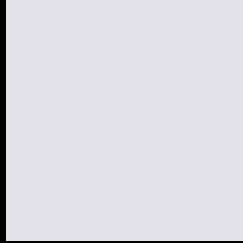
Large Text (above 18pt) WCAG AA × Fail

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 73.4404, 76.5498, 87.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

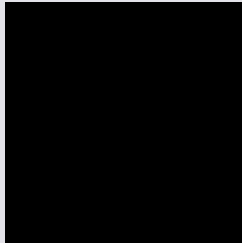
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

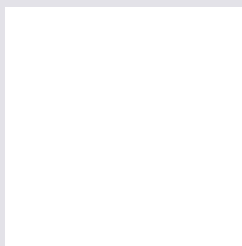
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4404, 76.5498, 87.2488

Background



This preview shows how black text looks on a background with the XYZ color 73.4404, 76.5498, 87.2488.



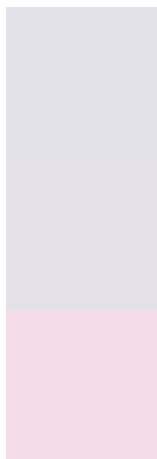
This preview shows how white text looks on a background with the XYZ color 73.4404, 76.5498,

87.2488.

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

73.4404, 76.5498, 87.2488

Protanopia

73.8038, 76.3346, 87.1881

Deuteranopia

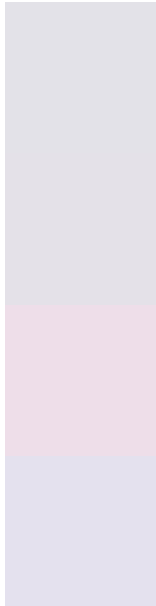
77.9574, 76.4821, 87.7445



Tritanopia

74.9958, 76.3801, 94.7945

Trichromacy



Original Color

73.4404, 76.5498, 87.2488

Protanomaly

73.4856, 76.1706, 87.1732

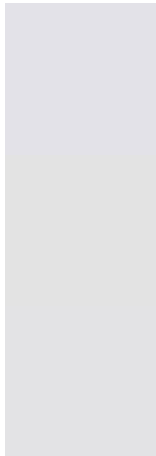
Deuteranomaly

76.0892, 76.3029, 87.8084

Tritanomaly

74.3527, 76.5175, 91.7395

Monochromacy



Original Color

73.4404, 76.5498, 87.2488

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2905, 76.9262, 85.1142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4404, 76.5498, 87.2488 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(227, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 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(227, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 232) }
```

Border

The CSS property to change the border of an element to XYZ 73.4404, 76.5498, 87.2488 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(227, 226, 232) }
```


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

```
.border{ border-color:rgb(227, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4404, 76.5498, 87.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 232) }
```

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

```
.background{ background-color: rgb(227,  
226, 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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