

Converting Colors

XYZ(75.3954, 76.7225, 85.2512)

Have a look what the booklet for
XYZ(75.3954, 76.7225, 85.2512)
contains.

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Color

**XYZ(75.3906, 76.8013,
84.9794)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0E5
RGB	236, 224, 229
RGB Percent	93%, 88%, 90%
CMY	0.0745, 0.1215, 0.1020
CMYK	0.00, 0.05, 0.03, 0.07
HSL	335°, 24%, 90%
HSV	335°, 5%, 93%
XYZ	75.3906, 76.8013, 84.9794
YIQ	228.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

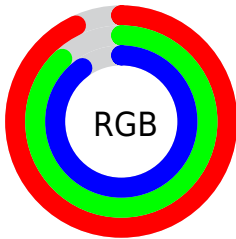
Format	Color
R_{YB}	236, 224, 229
Decimal	15524069
CIE Lab	90.23, 4.95, -0.98
CIE LCh	90, 5.047, 348.751
Yxy	76.8013, 0.3179, 0.3238
Android (android.graphics.Color)	4293714149 (0xFFECE0E5)
YUV	228.1580, 0.4151, 6.8774
Hunter-Lab	87.6364, 0.1939, 3.8530

Details

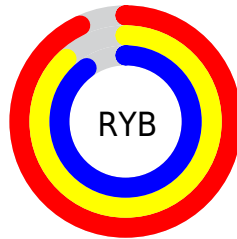
The XYZ color **75.3906, 76.8013, 84.9794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1626, 81.6098, 87.3961**, and the grayscale version is **73.8545, 77.7007, 84.6160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6503, 41.1352, 45.8418** is the 20% darker color. If you saturate the color by 10%, you get **67.6362, 64.2479, 73.2816**, and if you desaturate by 10%, it is **84.1822, 91.1830, 97.7774**.

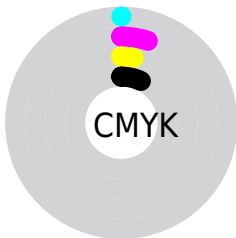
Distribution



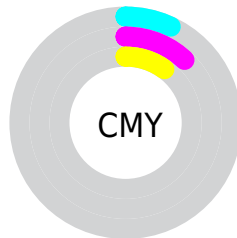
- Red (93%)
- Green (88%)
- Blue (90%)



- Red (93%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3906, 76.8013, 84.9794 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 75.3906, 76.8013, 84.9794 by changing the saturation by 10% instead.

75.3906, 76.8013,
84.9794

75.3906, 76.8013,
84.9794

468.2356,
484.0863, 531.7027

56.2282, 57.0898,
63.2743

125.8501,
128.8590, 142.2183

40.6237, 41.0773,
45.6207

157.8779,
161.9739, 178.5892

28.2115, 28.3795,
31.6001

194.9249,
200.3255, 220.6858

18.6264, 18.6120,
20.7940

237.3565,
244.2981, 268.9265

11.5031, 11.3902,
12.7837

285.5380,
294.2760, 323.7301

6.4760, 6.3299,
7.1508

339.8348,

3.1800, 3.0467,

350.6438, 385.5149

3.4767

400.6122,
413.7857, 454.6996

■ 1.2497, 1.1562,
1.3429

■ 0.1451, 0.0255,
0.0966

■ 75.3906, 76.8013,
84.9794

■ 75.3906, 76.8013,
84.9794

■ 67.6362, 64.2479,
73.2816

■ 84.1822, 91.1830,
97.7774

■ 60.8730, 53.4392,
62.6485

■ 88.4026, 96.5731,
108.5889

■ 55.0609, 44.3002,
53.0496

■ 50.1546, 36.7462,
44.4513

■ 46.1050, 30.6853,
36.8175

■ 42.8580, 26.0159,
30.1099

■ 40.3528, 22.6235,
24.2869

■ 38.5193, 20.3751,
19.3026

■ 37.2722, 19.1077,
15.1048

Harmonies

Analogous

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



74.8274, 76.8013, 88.2651



75.3906, 76.8013, 84.9794



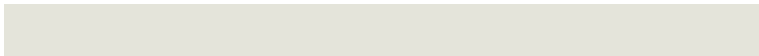
75.3071, 76.8013, 81.4208

Triad

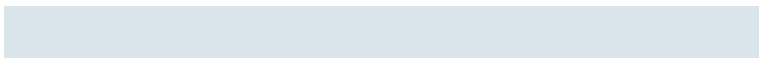
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3906, 76.8013, 84.9794



72.2241, 76.8013, 77.2465



71.4173, 76.8013, 88.9299

Complementary

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



75.3906, 76.8013, 84.9794



75.1626, 81.6098, 87.3961

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.



70.7353, 76.8013, 85.8657



75.3906, 76.8013, 84.9794



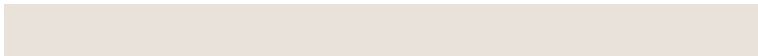
71.1974, 76.8013, 79.1477

Square

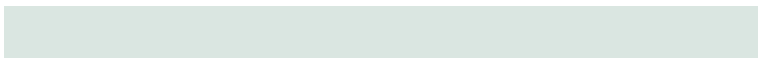
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3906, 76.8013, 84.9794



73.4692, 76.8013, 77.0246



70.6553, 76.8013, 82.2822



72.5275, 76.8013, 90.5890

Rectangle

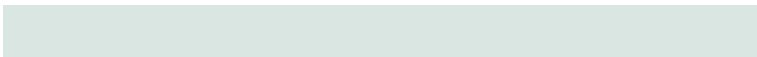
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



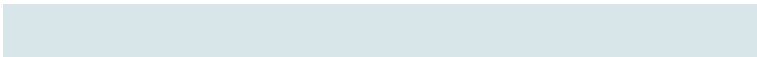
75.3906, 76.8013, 84.9794



74.8961, 76.8013, 79.3704



70.6553, 76.8013, 82.2822



71.1309, 76.8013, 88.0260

Sweetspot

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



75.3928, 76.8046, 84.9811



92.9690, 96.5989, 105.8609



74.7537, 76.3599, 90.1570



19.9210, 20.7118, 22.6906



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.



75.3928, 76.8046, 84.9811



88.9575, 90.0619, 99.9420



74.9745, 77.0685, 81.4491



15.8077, 15.9402, 17.7218



20.3516, 10.3433, 7.6531



1.6450, 0.8310, 0.8481

Inverse Universe

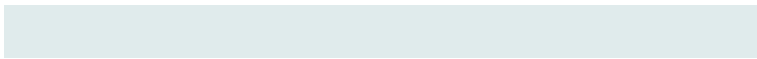
The Inverse Universe completely reimagines the original color for something new.



75.3928, 76.8046, 84.9811



88.9575, 90.0619, 99.9420



75.5916, 81.3221, 91.0706



15.8077, 15.9402, 17.7218



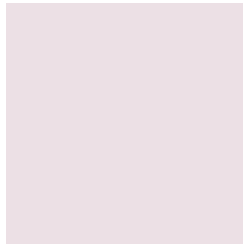
20.3516, 10.3433, 7.6531



1.6450, 0.8310, 0.8481

Previews

White Background



This preview shows how the XYZ color 75.3906, 76.8013, 84.9794 looks on a white background.

Color Contrast Check

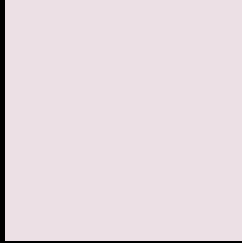
Large Text (above 18pt) WCAG AA × Fail

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 75.3906, 76.8013, 84.9794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

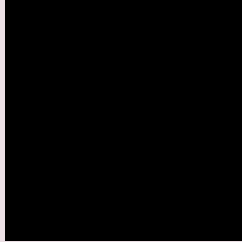
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

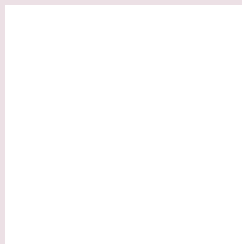
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3906, 76.8013, 84.9794

Background



This preview shows how black text looks on a background with the XYZ color 75.3906, 76.8013, 84.9794.



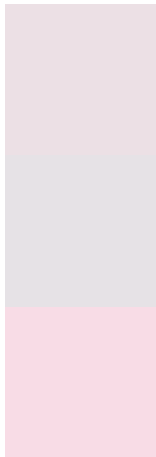
This preview shows how white text looks on a background with the XYZ color 75.3906, 76.8013,

84.9794.

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

75.3906, 76.8013, 84.9794

Protanopia

74.1124, 76.9289, 85.8055

Deuteranopia

78.5875, 76.8560, 85.5556



Tritanopia

77.1093, 76.7110, 93.1807

Trichromacy



Original Color

75.3906, 76.8013, 84.9794

Protanomaly

74.4869, 76.7194, 85.7454

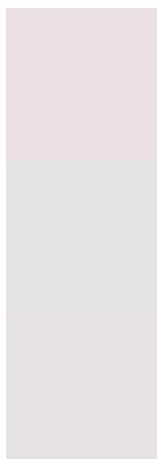
Deuteranomaly

77.4476, 76.6592, 85.5777

Tritanomaly

76.4531, 76.8360, 90.1582

Monochromacy



Original Color

75.3906, 76.8013, 84.9794

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4277, 77.5285, 84.4405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3906, 76.8013, 84.9794 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(236, 224, 229) looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 229)  
}
```

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(236, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 229) }
```

Border

The CSS property to change the border of an element to XYZ 75.3906, 76.8013, 84.9794 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(236, 224, 229) }
```


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

```
.border{ border-color:rgb(236, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3906, 76.8013, 84.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 229) }
```

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

```
.background{ background-color: rgb(236,  
224, 229) }
```

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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