

Converting Colors

XYZ(74.6078, 76.3664, 80.1460)

Have a look what the booklet for
XYZ(74.6078, 76.3664, 80.1460)
contains.

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Color

**XYZ(74.7655, 76.5898,
79.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE0DE
RGB	237, 224, 222
RGB Percent	93%, 88%, 87%
CMY	0.0706, 0.1215, 0.1294
CMYK	0.00, 0.05, 0.06, 0.07
HSL	8°, 29%, 90%
HSV	8°, 6%, 93%
XYZ	74.7655, 76.5898, 79.9500
YIQ	227.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

Format	Color
R_{YB}	237, 224, 222
Decimal	15589598
CIE Lab	90.13, 4.09, 2.55
CIE LCh	90, 4.820, 31.993
Yxy	76.5898, 0.3232, 0.3311
Android (android.graphics.Color)	4293779678 (0xFFE0DE)
YUV	227.6590, -2.7899, 8.1921
Hunter-Lab	87.5156, -0.6579, 7.0965

Details

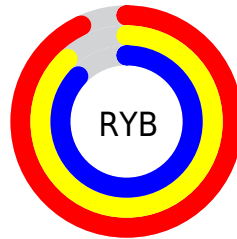
The XYZ color **74.7655, 76.5898, 79.9500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1183, 81.0592, 91.8084**, and the grayscale version is **73.5110, 77.3393, 84.2225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2191, 40.9897, 42.3512** is the 20% darker color. If you saturate the color by 10%, you get **66.6209, 65.0312, 62.6496**, and if you desaturate by 10%, it is **84.0273, 89.6665, 99.8276**.

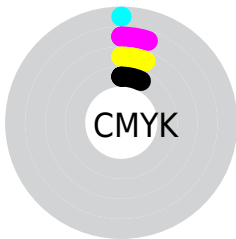
Distribution



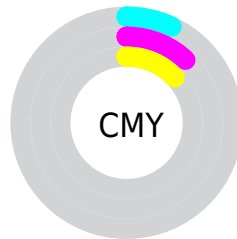
- Red (93%)
- Green (88%)
- Blue (87%)



- Red (93%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7655, 76.5898, 79.9500 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 74.7655, 76.5898, 79.9500 by changing the saturation by 10% instead.

74.7655, 76.5898,
79.9500

74.7655, 76.5898,
79.9500

466.1208,
483.3643, 514.4666

55.7143, 56.9163,
59.1513

124.9700,
128.5603, 135.1062

40.2100, 40.9380,
42.3141

156.8541,
161.6260, 170.3008

27.8873, 28.2707,
29.0199

193.7465,
199.9246, 211.1310

18.3807, 18.5298,
18.8502

236.0126,
243.8405, 258.0155

11.3250, 11.3310,
11.3864

284.0177,
293.7580, 311.3728

6.3548, 6.2899,
6.2099

338.1272,

3.1047, 3.0222,

350.0615, 371.6214

2.9023

398.7064,
413.1355, 439.1798

■ 1.2094, 1.1433,
1.0450

■ 0.1137, 0.0147,
0.0000

■ 74.7655, 76.5898,
79.9500

■ 74.7655, 76.5898,
79.9500

■ 66.6209, 65.0312,
62.6496

■ 84.0273, 89.6665,
99.8276

■ 59.5451, 54.9261,
47.8159

■ 88.7354, 96.7447,
108.6045

■ 53.4952, 46.2197,
35.3379

■ 48.4233, 38.8503,
25.0942

■ 44.2775, 32.7514,
16.9522

■ 41.0009, 27.8506,
10.7656

■ 38.5303, 24.0685,
6.3692

■ 36.7938, 21.3156,
3.5703

■ 35.7054, 19.4884,
2.1296

Harmonies

Analogous

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



75.1204, 76.5898, 83.1643



74.7655, 76.5898, 79.9500



73.8823, 76.5898, 77.7088

Triad

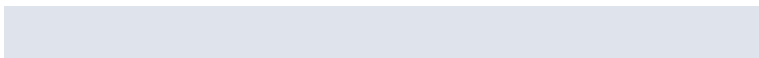
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7655, 76.5898, 79.9500



70.7834, 76.5898, 80.3366



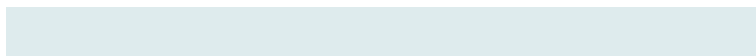
72.8764, 76.5898, 90.1548

Complementary

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



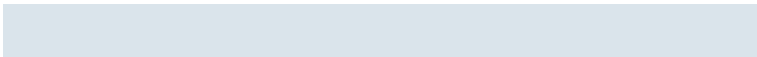
74.7655, 76.5898, 79.9500



75.1183, 81.0592, 91.8084

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.



71.7210, 76.5898, 89.3484



74.7655, 76.5898, 79.9500



70.5206, 76.5898, 83.6227

Square

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



74.7655, 76.5898, 79.9500



71.5839, 76.5898, 77.9277



70.8620, 76.5898, 86.9340



74.0224, 76.5898, 89.1086

Rectangle

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



74.7655, 76.5898, 79.9500



73.1173, 76.5898, 77.0357



70.8620, 76.5898, 86.9340



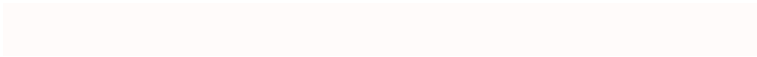
72.4762, 76.5898, 90.0913

Sweetspot

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



74.7676, 76.5931, 79.9516



92.8462, 96.8890, 104.1682



76.0427, 76.2463, 89.3072



19.8960, 20.7709, 22.3458



0.0000, 0.0000, 0.0000



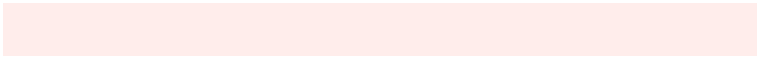
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7676, 76.5931, 79.9516



86.5563, 87.9923, 90.7168



76.8268, 80.7115, 80.6380



15.2277, 15.3785, 15.6845



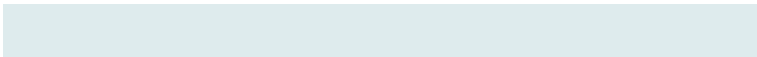
19.3984, 10.4910, 1.0026



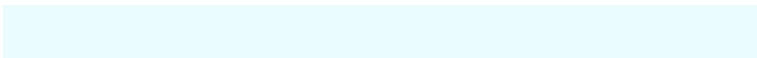
1.5749, 0.9272, 0.0960

Inverse Universe

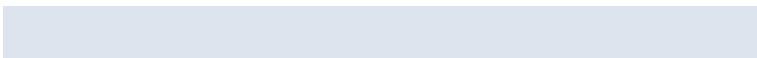
The Inverse Universe completely reimagines the original color for something new.



75.1183, 81.0592, 91.8084



87.0756, 94.6073, 108.2794



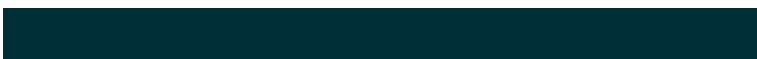
73.0173, 76.8572, 91.1081



15.3361, 16.7585, 19.3487



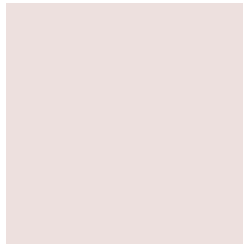
20.3787, 27.4043, 47.9585



1.6478, 2.2471, 3.7818

Previews

White Background



This preview shows how the XYZ color 74.7655, 76.5898, 79.9500 looks on a white background.

Color Contrast Check

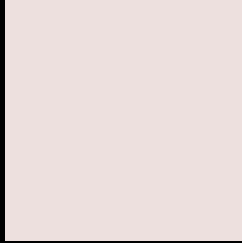
Large Text (above 18pt) WCAG AA × Fail

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 74.7655, 76.5898, 79.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

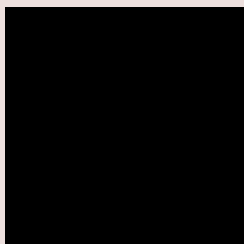
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

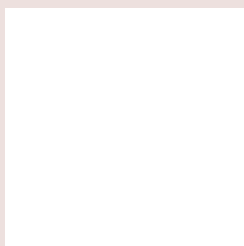
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7655, 76.5898, 79.9500

Background



This preview shows how black text looks on a background with the XYZ color 74.7655, 76.5898, 79.9500.



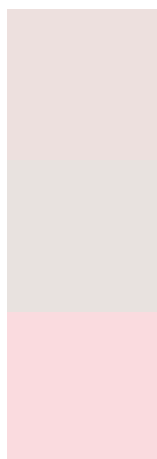
This preview shows how white text looks on a background with the XYZ color 74.7655, 76.5898,

79.9500.

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

74.7655, 76.5898, 79.9500

Protanopia

73.7944, 76.8762, 80.7613

Deuteranopia

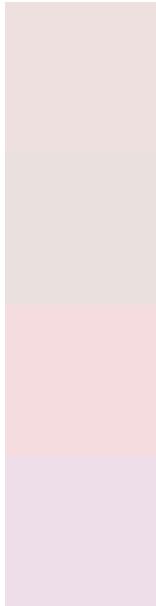
78.0751, 76.3147, 80.4273



Tritanopia

77.0330, 76.2956, 92.3278

Trichromacy



Original Color

74.7655, 76.5898, 79.9500

Protanomaly

74.1762, 76.6706, 80.7014

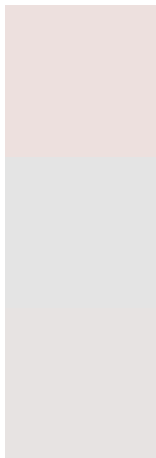
Deuteranomaly

76.8319, 76.4531, 80.5195

Tritanomaly

76.0892, 76.3029, 87.8084

Monochromacy



Original Color

74.7655, 76.5898, 79.9500

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1515, 77.4181, 82.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7655, 76.5898, 79.9500 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(237, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(237, 224, 222)  
}
```

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(237, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.7655, 76.5898, 79.9500 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(237, 224, 222) }
```


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

```
.border{ border-color:rgb(237, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(237, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7655, 76.5898, 79.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 224, 222) }
```

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

```
.background{ background-color: rgb(237,  
224, 222) }
```

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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