

Converting Colors

XYZ(73.5602, 75.8465, 79.7301)

Have a look what the booklet for
XYZ(73.5602, 75.8465, 79.7301)
contains.

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Color

**XYZ(73.7722, 76.0777,
79.9035)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE0DE
RGB	234, 224, 222
RGB Percent	92%, 88%, 87%
CMY	0.0823, 0.1215, 0.1294
CMYK	0.00, 0.04, 0.05, 0.08
HSL	10°, 22%, 89%
HSV	10°, 5%, 92%
XYZ	73.7722, 76.0777, 79.9035
YIQ	226.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

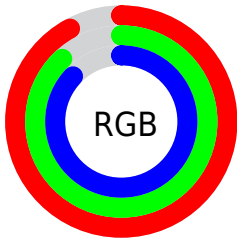
Format	Color
RYB	234, 224, 222
Decimal	15392990
CIELab	89.90, 3.06, 2.18
CIELCh	90, 3.755, 35.496
Yxy	76.0777, 0.3211, 0.3311
Android (android.graphics.Color)	4293583070 (0xFFEAE0DE)
YUV	226.7620, -2.3477, 6.3477
Hunter-Lab	87.2225, -1.6654, 6.7409

Details

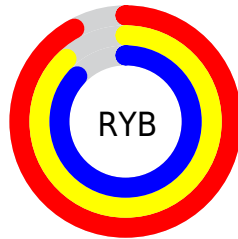
The XYZ color **73.7722, 76.0777, 79.9035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8320, 79.1822, 89.2353**, and the grayscale version is **72.8558, 76.6499, 83.4718**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5231, 40.6309, 42.3187** is the 20% darker color. If you saturate the color by 10%, you get **65.9098, 65.0279, 62.8684**, and if you desaturate by 10%, it is **82.6748, 88.5093, 99.4347**.

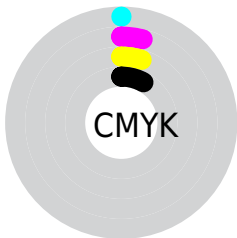
Distribution



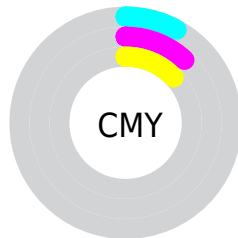
- Red (92%)
- Green (88%)
- Blue (87%)



- Red (92%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7722, 76.0777, 79.9035 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 73.7722, 76.0777, 79.9035 by changing the saturation by 10% instead.

■ 73.7722, 76.0777,
79.9035

■ 73.7722, 76.0777,
79.9035

462.7492,
481.6136, 514.3058

■ 54.8982, 56.4962,
59.1132

123.5701,
127.8367, 135.0402

■ 39.5538, 40.6009,
42.2837

155.2247,
160.7831, 170.2238

■ 27.3735, 28.0074,
28.9963

191.8702,
198.9532, 211.0422

■ 17.9919, 18.3312,
18.8324

233.8720,
242.7314, 257.9139

■ 11.0438, 11.1880,
11.3737

281.5955,
292.5022, 311.2577

■ 6.1638, 6.1935,
6.2014

335.4059,

■ 2.9866, 2.9631,

348.6499, 371.4918

2.8972

395.6687,
411.5589, 439.0350

■ 1.1467, 1.1125,
1.0424

■ 0.0636, 0.0000,
0.0000

■ 73.7722, 76.0777,
79.9035

■ 73.7722, 76.0777,
79.9035

■ 65.9098, 65.0279,
62.8684

■ 82.6748, 88.5093,
99.4347

■ 59.0432, 55.3026,
48.2237

■ 87.7421, 96.2327,
108.5580

■ 53.1341, 46.8547,
35.8639

■ 48.1395, 39.6309,
25.6731

■ 44.0127, 33.5740,
17.5256

■ 40.7032, 28.6222,
11.2826

■ 38.1547, 24.7077,
6.7879

■ 36.3038, 21.7553,
3.8604

■ 35.0756, 19.6791,
2.2787

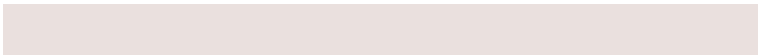
Harmonies

Analogous

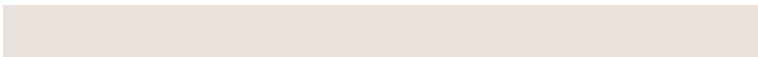
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1005, 76.0777, 82.3472



73.7722, 76.0777, 79.9035



73.0522, 76.0777, 78.2718

Triad

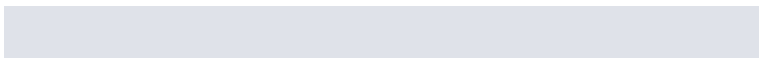
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7722, 76.0777, 79.9035



70.6979, 76.0777, 80.7340



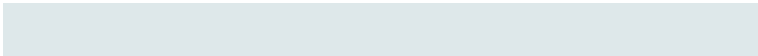
72.4806, 76.0777, 88.0277

Complementary

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



73.7722, 76.0777, 79.9035



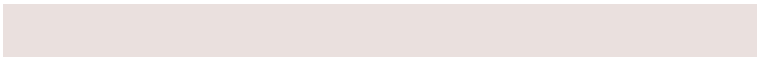
73.8320, 79.1822, 89.2353

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.



71.5719, 76.0777, 87.5736



73.7722, 76.0777, 79.9035



70.5478, 76.0777, 83.3261

Square

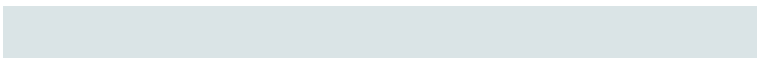
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7722, 76.0777, 79.9035



71.2784, 76.0777, 78.7440



70.8664, 76.0777, 85.8387



73.3507, 76.0777, 87.0667

Rectangle

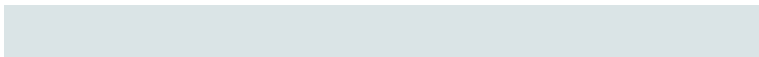
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



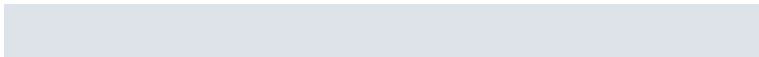
73.7722, 76.0777, 79.9035



72.4498, 76.0777, 77.8445



70.8664, 76.0777, 85.8387



72.1695, 76.0777, 88.0358

Sweetspot

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



73.7743, 76.0810, 79.9051



92.8993, 96.9952, 104.1859



74.6195, 75.5623, 86.9971



19.9068, 20.7925, 22.3494



0.0000, 0.0000, 0.0000



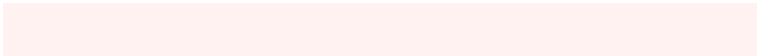
20.3446, 21.4041, 23.3091

Same Dimension

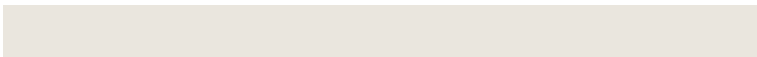
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7743, 76.0810, 79.9051



88.7518, 91.1897, 95.1283



75.4144, 79.3611, 80.4518



15.7673, 16.1602, 16.7813



19.5381, 10.7704, 1.0491



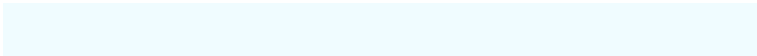
1.5944, 0.9660, 0.1024

Inverse Universe

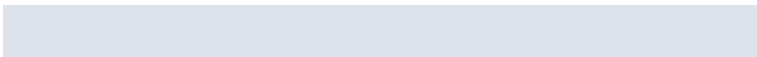
The Inverse Universe completely reimagines the original color for something new.



73.8320, 79.1822, 89.2353



88.8337, 95.5933, 108.3771



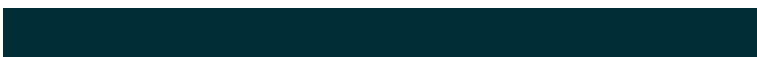
72.1729, 75.8640, 88.6822



15.7834, 17.0226, 19.3761



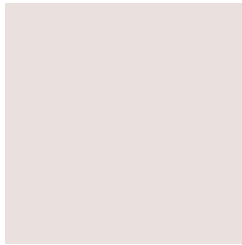
19.3822, 25.4115, 47.6263



1.5788, 2.1090, 3.7587

Previews

White Background



This preview shows how the XYZ color 73.7722, 76.0777, 79.9035 looks on a white background.

Color Contrast Check

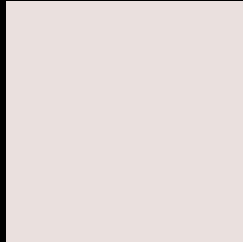
Large Text (above 18pt) WCAG AA × Fail

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 73.7722, 76.0777, 79.9035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

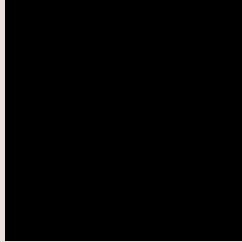
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

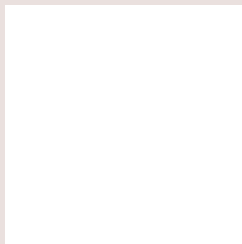
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7722, 76.0777, 79.9035

Background



This preview shows how black text looks on a background with the XYZ color 73.7722, 76.0777, 79.9035.



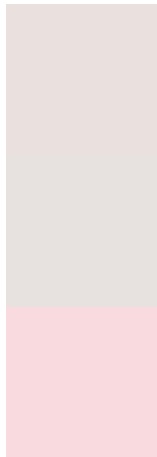
This preview shows how white text looks on a background with the XYZ color 73.7722, 76.0777,

79.9035.

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

73.7722, 76.0777, 79.9035

Protanopia

73.1995, 76.1671, 80.6557

Deuteranopia

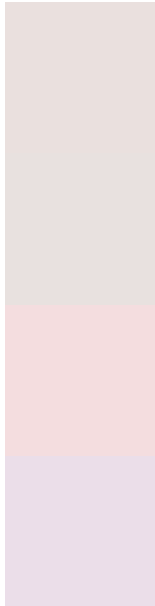
77.7177, 76.1305, 80.4105



Tritanopia

76.0285, 75.7778, 92.2808

Trichromacy



Original Color

73.7722, 76.0777, 79.9035

Protanomaly

73.5232, 76.3339, 80.6709

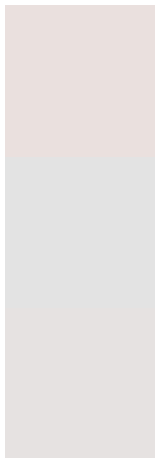
Deuteranomaly

76.4840, 76.2737, 80.5032

Tritanomaly

75.0902, 75.7879, 87.7616

Monochromacy



Original Color

73.7722, 76.0777, 79.9035

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4201, 76.6519, 82.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7722, 76.0777, 79.9035 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(234, 224, 222) looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 73.7722, 76.0777, 79.9035 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(234, 224, 222) }
```


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

```
.border{ border-color:rgb(234, 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(234, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7722, 76.0777, 79.9035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 224, 222) }
```

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

```
.background{ background-color: rgb(234,  
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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