

Converting Colors

XYZ(75.1212, 77.4312, 79.0690)

Have a look what the booklet for
XYZ(75.1212, 77.4312, 79.0690)
contains.

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Color

**XYZ(75.1726, 77.6177,
79.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE2DD
RGB	237, 226, 221
RGB Percent	93%, 89%, 87%
CMY	0.0706, 0.1137, 0.1333
CMYK	0.00, 0.05, 0.07, 0.07
HSL	19°, 31%, 90%
HSV	19°, 7%, 93%
XYZ	75.1726, 77.6177, 79.4263
YIQ	228.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

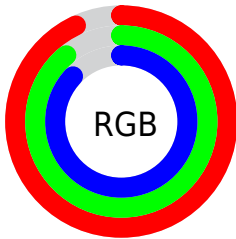
Format	Color
RYB	237, 228, 221
Decimal	15590109
CIELab	90.61, 2.89, 3.76
CIELCh	91, 4.744, 52.509
Yxy	77.6177, 0.3237, 0.3342
Android (android.graphics.Color)	4293780189 (0xFFE2DD)
YUV	228.7190, -3.8055, 7.2624
Hunter-Lab	88.1009, -1.8705, 8.2185

Details

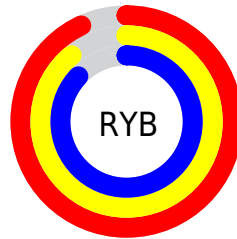
The XYZ color **75.1726, 77.6177, 79.4263** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9614, 79.1986, 91.5105**, and the grayscale version is **74.2944, 78.1635, 85.1201**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5019, 41.7028, 41.9911** is the 20% darker color. If you saturate the color by 10%, you get **68.0151, 68.0038, 62.5459**, and if you desaturate by 10%, it is **83.2010, 88.2582, 98.7980**.

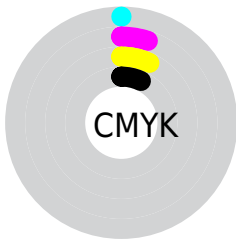
Distribution



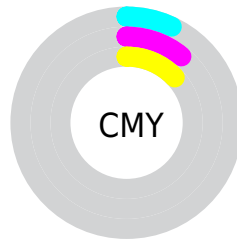
- Red (93%)
- Green (89%)
- Blue (87%)



- Red (93%)
- Yellow (89%)
- Blue (87%)



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



- Cyan (7%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1726, 77.6177, 79.4263 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 75.1726, 77.6177, 79.4263 by changing the saturation by 10% instead.

75.1726, 77.6177,
79.4263

75.1726, 77.6177,
79.4263

467.4986,
486.8675, 512.6530

56.0490, 57.7600,
58.7230

125.5433,
130.0111, 134.3629

40.4793, 41.6157,
41.9716

157.5210,
163.3155, 169.4333

28.0984, 28.8005,
28.7537

194.5142,
201.8710, 210.1299

18.5406, 18.9300,
18.6506

236.8881,
246.0618, 256.8710

11.4409, 11.6197,
11.2438

285.0081,
296.2725, 310.0754

6.4337, 6.4853,
6.1148

339.2397,

3.1537, 3.1423,

352.8875, 370.1615

2.8451

399.9481,
416.2910, 437.5478

■ 1.2355, 1.2065,
1.0161

■ 0.1342, 0.0670,
0.0000

■ 75.1726, 77.6177,
79.4263

■ 75.1726, 77.6177,
79.4263

■ 68.0151, 68.0038,
62.5459

■ 83.2010, 88.2582,
98.7980

■ 61.6919, 59.3756,
48.0501

■ 88.7355, 96.7448,
108.6045

■ 56.1729, 51.7041,
35.8317

■ 51.4239, 44.9553,
25.7737

■ 47.4080, 39.0927,
17.7480

■ 44.0852, 34.0776,
11.6133

■ 41.4107, 29.8680,
7.2096

■ 39.3340, 26.4176,
4.3501

■ 37.7938, 23.6738,
2.7987

Harmonies

Analogous

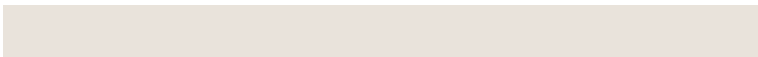
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9041, 77.6177, 82.0322



75.1726, 77.6177, 79.4263



74.0715, 77.6177, 78.1896

Triad

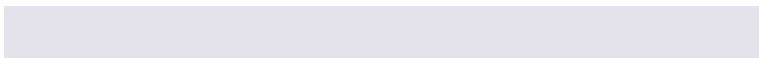
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1726, 77.6177, 79.4263



71.5312, 77.6177, 83.6623



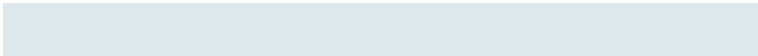
74.6514, 77.6177, 90.7025

Complementary

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



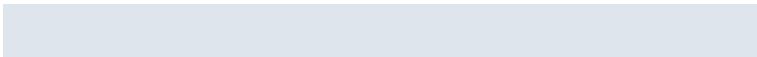
75.1726, 77.6177, 79.4263



73.9614, 79.1986, 91.5105

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.



73.4759, 77.6177, 91.1673



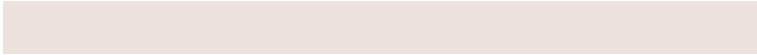
75.1726, 77.6177, 79.4263



71.6827, 77.6177, 87.0423

Square

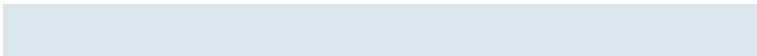
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1726, 77.6177, 79.4263



71.9753, 77.6177, 80.5923



72.3915, 77.6177, 89.8113



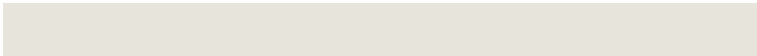
75.6010, 77.6177, 88.5578

Rectangle

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



75.1726, 77.6177, 79.4263



73.2795, 77.6177, 78.2842



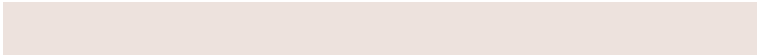
72.3915, 77.6177, 89.8113



74.2693, 77.6177, 91.0627

Sweetspot

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



75.1748, 77.6211, 79.4280



93.1317, 97.4599, 104.2634



75.3765, 75.5562, 87.1051



19.9541, 20.8871, 22.3652



0.0000, 0.0000, 0.0000



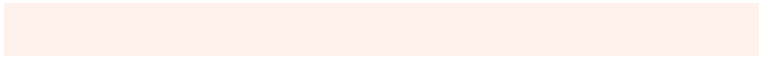
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1748, 77.6211, 79.4280



87.6271, 90.1340, 91.0738



77.3432, 81.9579, 80.1508



15.4498, 15.8227, 15.7585



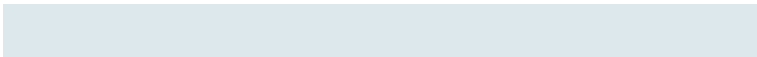
20.5124, 12.7191, 1.3739



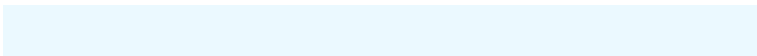
1.6938, 1.1650, 0.1356

Inverse Universe

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



73.9614, 79.1986, 91.5105



85.9373, 92.3307, 107.9000



71.8154, 74.9066, 90.7952



15.0973, 16.2809, 19.2691



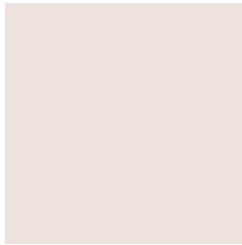
15.6067, 17.8604, 46.3678



1.3108, 1.5730, 3.6694

Previews

White Background



This preview shows how the XYZ color 75.1726, 77.6177, 79.4263 looks on a white background.

Color Contrast Check

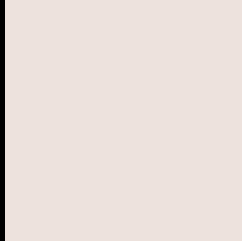
Large Text (above 18pt) WCAG AA × Fail

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 75.1726, 77.6177, 79.4263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

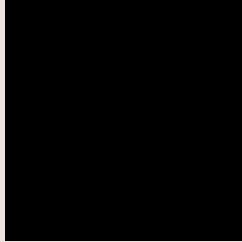
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

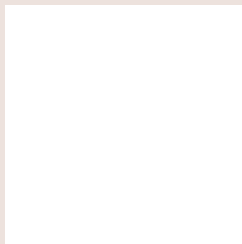
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1726, 77.6177, 79.4263

Background



This preview shows how black text looks on a background with the XYZ color 75.1726, 77.6177, 79.4263.



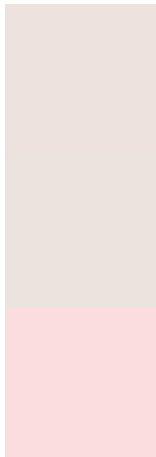
This preview shows how white text looks on a background with the XYZ color 75.1726, 77.6177,

79.4263.

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

75.1726, 77.6177, 79.4263

Protanopia

74.5856, 77.7045, 80.1746

Deuteranopia

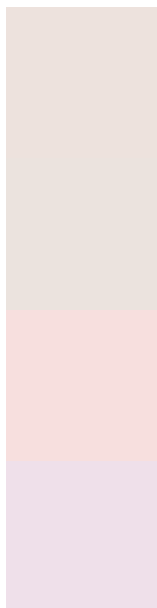
79.1862, 77.6823, 79.9279



Tritanopia

78.2000, 77.6515, 94.0857

Trichromacy



Original Color

75.1726, 77.6177, 79.4263

Protanomaly

74.9149, 77.8743, 80.1900

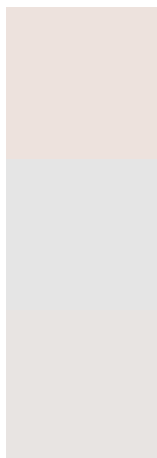
Deuteranomaly

77.9303, 77.8234, 80.0213

Tritanomaly

77.1035, 77.6025, 88.7569

Monochromacy



Original Color

75.1726, 77.6177, 79.4263

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7496, 78.1336, 83.0931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1726, 77.6177, 79.4263 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, 226, 221) looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 221)  
}
```

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, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.1726, 77.6177, 79.4263 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, 226, 221) }
```


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

```
.border{ border-color:rgb(237, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1726, 77.6177, 79.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 221) }
```

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

```
.background{ background-color: rgb(237,  
226, 221) }
```

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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