

Converting Colors

XYZ(75.0079, 77.0772, 80.4253)

Have a look what the booklet for
XYZ(75.0079, 77.0772, 80.4253)
contains.

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Color

**XYZ(75.1695, 77.1827,
80.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1DF
RGB	237, 225, 223
RGB Percent	93%, 88%, 87%
CMY	0.0706, 0.1176, 0.1255
CMYK	0.00, 0.05, 0.06, 0.07
HSL	9°, 28%, 90%
HSV	9°, 6%, 93%
XYZ	75.1695, 77.1827, 80.7479
YIQ	228.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

Format	Color
R _Y B	237, 225, 223
Decimal	15589855
CIE Lab	90.41, 3.74, 2.43
CIE LCh	90, 4.459, 32.972
Yxy	77.1827, 0.3225, 0.3311
Android (android.graphics.Color)	4293779935 (0xFFEDE1DF)
YUV	228.3600, -2.6425, 7.5773
Hunter-Lab	87.8537, -1.0155, 7.0031

Details

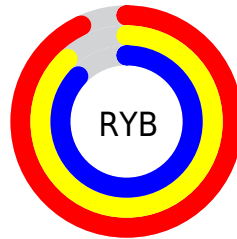
The XYZ color **75.1695, 77.1827, 80.7479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4255, 81.2175, 91.8227**, and the grayscale version is **74.0229, 77.8779, 84.8090**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4987, 41.4004, 42.9023** is the 20% darker color. If you saturate the color by 10%, you get **67.0286, 65.6609, 63.3576**, and if you desaturate by 10%, it is **84.4150, 90.1960, 100.7149**.

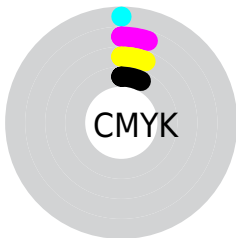
Distribution



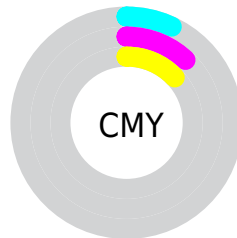
- Red (93%)
- Green (88%)
- Blue (87%)



- 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 75.1695, 77.1827, 80.7479 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 75.1695, 77.1827, 80.7479 by changing the saturation by 10% instead.

75.1695, 77.1827,
80.7479

75.1695, 77.1827,
80.7479

467.4882,
485.3867, 517.2228

56.0464, 57.4028,
59.8042

125.5389,
129.3973, 136.2376

40.4773, 41.3288,
42.8366

157.5159,
162.6009, 171.6207

28.0967, 28.5761,
29.4265

194.5083,
201.0479, 212.6540

18.5394, 18.7603,
19.1553

236.8814,
245.1225, 259.7561

11.4400, 11.4972,
11.6046

285.0006,
295.2094, 313.3455

6.4331, 6.4023,
6.3558

339.2312,

3.1533, 3.0912,

351.6928, 373.8407

2.9903

399.9386,
414.9571, 441.6603

■ 1.2353, 1.1795,
1.0897

■ 0.1340, 0.0449,
0.0000

■ 75.1695, 77.1827,
80.7479

■ 75.1695, 77.1827,
80.7479

■ 67.0286, 65.6609,
63.3576

■ 84.4150, 90.1960,
100.7149

■ 59.9444, 55.5675,
48.4340

■ 88.7354, 96.7447,
108.6045

■ 53.8754, 46.8497,
35.8667

■ 48.7746, 39.4478,
25.5350

■ 44.5911, 33.2974,
17.3074

■ 41.2697, 28.3289,
11.0384

■ 38.7487, 24.4657,
6.5642

■ 36.9582, 21.6221,
3.6940

■ 35.8151, 19.6991,
2.1932

Harmonies

Analogous

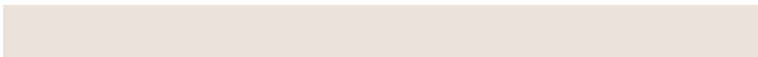
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5174, 77.1827, 83.7215



75.1695, 77.1827, 80.7479



74.3364, 77.1827, 78.6977

Triad

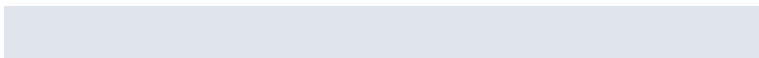
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1695, 77.1827, 80.7479



71.4704, 77.1827, 81.2849



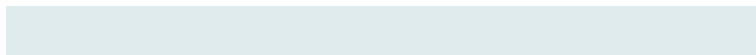
73.4708, 77.1827, 90.3080

Complementary

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



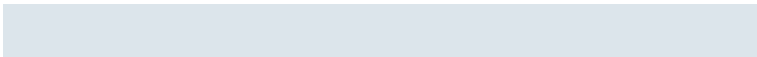
75.1695, 77.1827, 80.7479



75.4255, 81.2175, 91.8227

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.



72.3918, 77.1827, 89.6163



75.1695, 77.1827, 80.7479



71.2438, 77.1827, 84.3570

Square

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



75.1695, 77.1827, 80.7479



72.2016, 77.1827, 79.0023



71.5795, 77.1827, 87.4180



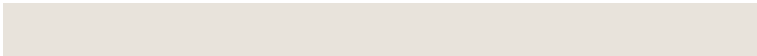
74.5304, 77.1827, 89.2851

Rectangle

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



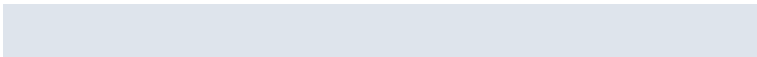
75.1695, 77.1827, 80.7479



73.6219, 77.1827, 78.1028



71.5795, 77.1827, 87.4180



73.0984, 77.1827, 90.2683

Sweetspot

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



75.1717, 77.1861, 80.7496



92.8614, 96.9194, 104.1733



76.3283, 76.7868, 89.4975



19.8991, 20.7770, 22.3469



0.0000, 0.0000, 0.0000



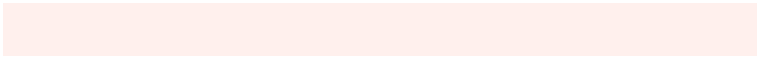
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1717, 77.1861, 80.7496



87.6215, 89.5301, 92.8986



77.0643, 80.9714, 81.3804



15.5752, 15.8764, 16.4075



19.4354, 10.5651, 1.0149



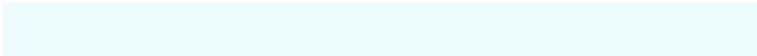
1.5805, 0.9383, 0.0978

Inverse Universe

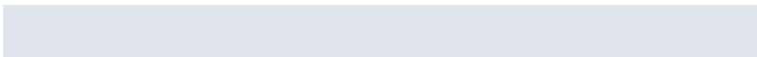
The Inverse Universe completely reimagines the original color for something new.



75.4255, 81.2175, 91.8227



87.9753, 95.1507, 108.3369



73.4986, 77.3636, 91.1804



15.6431, 16.9551, 19.3704



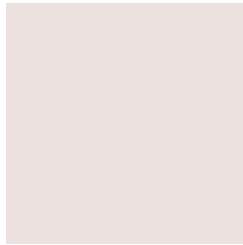
20.0885, 26.8241, 47.8618



1.6278, 2.2070, 3.7751

Previews

White Background



This preview shows how the XYZ color 75.1695, 77.1827, 80.7479 looks on a white background.

Color Contrast Check

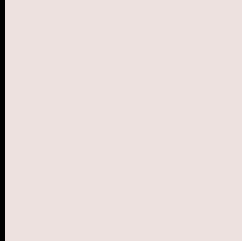
Large Text (above 18pt) WCAG AA × Fail

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 75.1695, 77.1827, 80.7479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

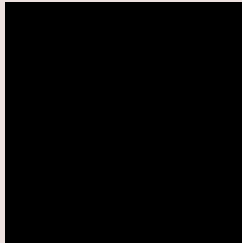
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

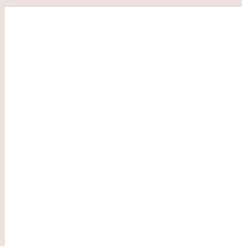
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1695, 77.1827, 80.7479

Background



This preview shows how black text looks on a background with the XYZ color 75.1695, 77.1827, 80.7479.



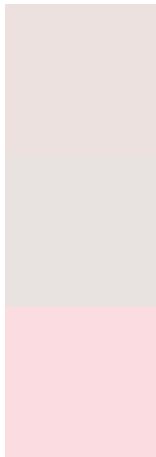
This preview shows how white text looks on a background with the XYZ color 75.1695, 77.1827,

80.7479.

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

75.1695, 77.1827, 80.7479

Protanopia

73.9296, 76.9303, 81.4735

Deuteranopia

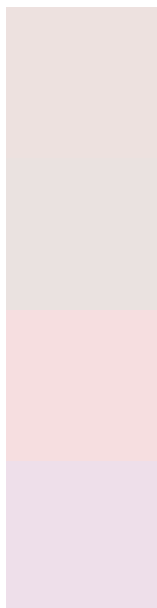
78.8314, 77.0774, 81.2436



Tritanopia

77.4461, 76.8845, 93.1964

Trichromacy



Original Color

75.1695, 77.1827, 80.7479

Protanomaly

74.5826, 77.2670, 81.5041

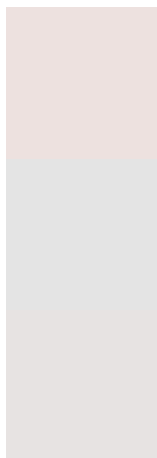
Deuteranomaly

77.5819, 77.2172, 81.3364

Tritanomaly

76.4989, 76.8930, 88.6518

Monochromacy



Original Color

75.1695, 77.1827, 80.7479

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 75.1695, 77.1827, 80.7479 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, 225, 223) looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 223)  
}
```

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, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.1695, 77.1827, 80.7479 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, 225, 223) }
```


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

```
.border{ border-color:rgb(237, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1695, 77.1827, 80.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 223) }
```

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

```
.background{ background-color: rgb(237,  
225, 223) }
```

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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