

Converting Colors

XYZ(75.7600, 79.0640, 82.6566)

Have a look what the booklet for
XYZ(75.7600, 79.0640, 82.6566)
contains.

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Color

**XYZ(75.8709, 79.1370,
82.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE5E1
RGB	235, 229, 225
RGB Percent	92%, 90%, 88%
CMY	0.0784, 0.1019, 0.1176
CMYK	0.00, 0.03, 0.04, 0.08
HSL	24°, 20%, 90%
HSV	24°, 4%, 92%
XYZ	75.8709, 79.1370, 82.5103
YIQ	230.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

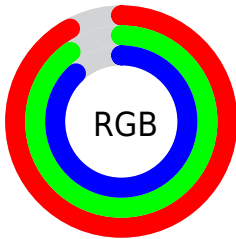
Format	Color
RYB	235, 232, 225
Decimal	15459809
CIELab	91.30, 1.34, 2.65
CIELCh	91, 2.972, 63.291
Yxy	79.1370, 0.3194, 0.3332
Android (android.graphics.Color)	4293649889 (0xFFEBE5E1)
YUV	230.3380, -2.6316, 4.0886
Hunter-Lab	88.9590, -3.4400, 7.2792

Details

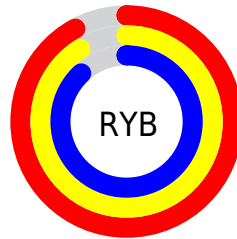
The XYZ color **75.8709, 79.1370, 82.5103** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.6227, 79.1566, 89.9441**, and the grayscale version is **75.4823, 79.4133, 86.4811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9822, 42.7581, 44.1234** is the 20% darker color. If you saturate the color by 10%, you get **69.1419, 70.4605, 65.5242**, and if you desaturate by 10%, it is **83.3621, 88.6298, 101.9292**.

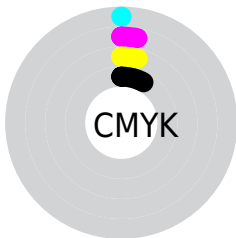
Distribution



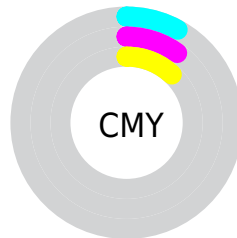
- Red (92%)
- Green (90%)
- Blue (88%)



- Red (92%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8709, 79.1370, 82.5103 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 75.8709, 79.1370, 82.5103 by changing the saturation by 10% instead.

■ 75.8709, 79.1370,
82.5103

■ 75.8709, 79.1370,
82.5103

469.8568,
492.0197, 523.2812

■ 56.6233, 59.0085,
61.2480

126.5257,
132.1517, 138.7325

■ 40.9419, 42.6199,
43.9935

158.6637,
165.8067, 174.5294

■ 28.4611, 29.5870,
30.3282

195.8292,
204.7392, 216.0083

■ 18.8158, 19.5253,
19.8337

238.3876,
249.3338, 263.5878

■ 11.6405, 12.0505,
12.0913

286.7042,
299.9747, 317.6862

■ 6.5698, 6.7781,
6.6826

341.1443,

■ 3.2385, 3.3237,

357.0464, 378.7222

3.1890

402.0734,
420.9332, 447.1144

■ 1.2811, 1.3030,
1.1919

■ 0.1690, 0.1435,
0.0000

■ 75.8709, 79.1370,
82.5103

■ 75.8709, 79.1370,
82.5103

■ 69.1419, 70.4605,
65.5242

■ 83.3621, 88.6298,
101.9292

■ 63.1431, 62.5680,
50.8690

■ 88.0715, 96.4024,
108.5734

■ 57.8498, 55.4397,
38.4431

■ 53.2333, 49.0512,
28.1352

■ 49.2628, 43.3768,
19.8246

■ 45.9049, 38.3888,
13.3780

■ 43.1222, 34.0578,
8.6457

■ 40.8730, 30.3511,
5.4544

■ 39.1072, 27.2325,
3.5931

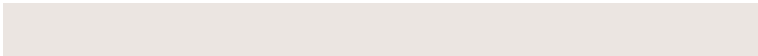
Harmonies

Analogous

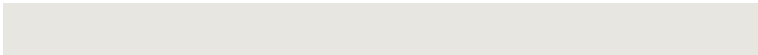
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4358, 79.1370, 83.9075



75.8709, 79.1370, 82.5103



75.1341, 79.1370, 82.0873

Triad

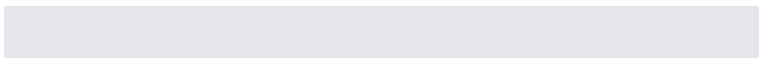
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8709, 79.1370, 82.5103



73.7791, 79.1370, 86.4054



76.0160, 79.1370, 89.6846

Complementary

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



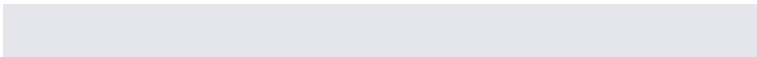
75.8709, 79.1370, 82.5103



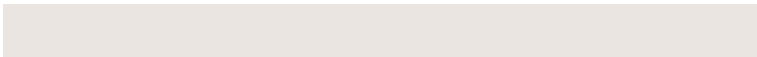
74.6227, 79.1566, 89.9441

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.



75.3006, 79.1370, 90.3792



75.8709, 79.1370, 82.5103



74.0119, 79.1370, 88.4662

Square

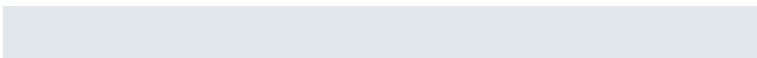
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8709, 79.1370, 82.5103



73.9295, 79.1370, 84.3138



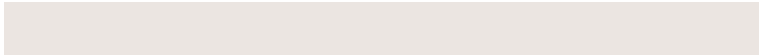
74.5676, 79.1370, 89.9296



76.5200, 79.1370, 88.0466

Rectangle

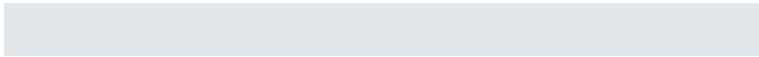
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



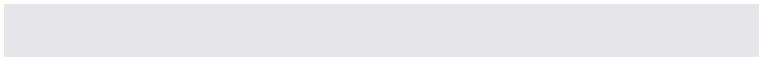
75.8709, 79.1370, 82.5103



74.6455, 79.1370, 82.4087



74.5676, 79.1370, 89.9296



75.7921, 79.1370, 90.0374

Sweetspot

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



75.8731, 79.1404, 82.5120



94.1563, 98.8652, 106.5901



75.6111, 77.2833, 86.5345



20.1627, 21.1732, 22.8390



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.



75.8731, 79.1404, 82.5120



90.6740, 94.4247, 97.6482



77.2755, 81.9453, 82.9795



16.1193, 16.7623, 17.2126



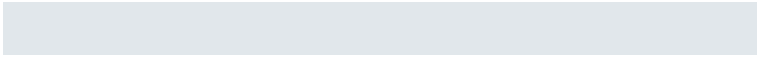
21.4170, 14.5283, 1.6754



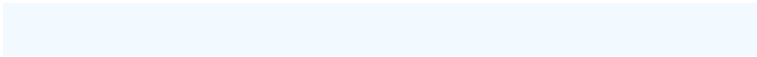
1.7736, 1.3246, 0.1622

Inverse Universe

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



74.6227, 79.1566, 89.9441



88.9068, 94.4475, 108.1520



73.2443, 76.3996, 89.4846



15.7634, 16.7669, 19.3278



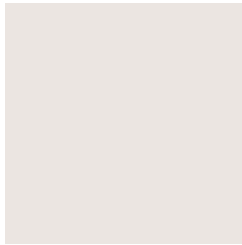
13.7673, 14.1816, 45.7547



1.1748, 1.3010, 3.6241

Previews

White Background



This preview shows how the XYZ color 75.8709, 79.1370, 82.5103 looks on a white background.

Color Contrast Check

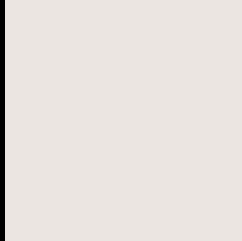
Large Text (above 18pt) WCAG AA × Fail

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 75.8709, 79.1370, 82.5103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

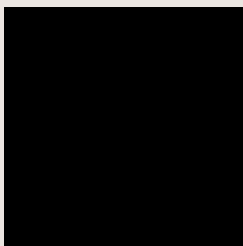
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

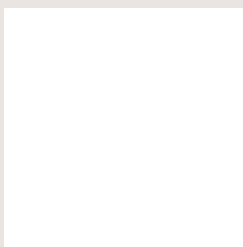
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8709, 79.1370, 82.5103

Background



This preview shows how black text looks on a background with the XYZ color 75.8709, 79.1370, 82.5103.

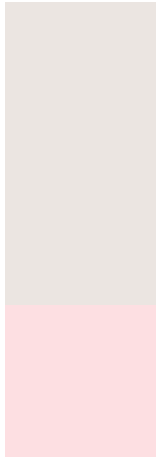


This preview shows how white text looks on a background with the XYZ color 75.8709, 79.1370,

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

75.8709, 79.1370, 82.5103

Protanopia

75.8709, 79.1370, 82.5103

Deuteranopia

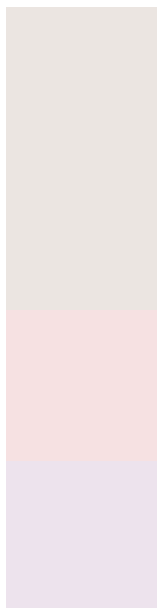
80.6232, 79.1490, 82.9795



Tritanopia

78.7854, 79.1015, 96.7036

Trichromacy



Original Color

75.8709, 79.1370, 82.5103

Protanomaly

75.8709, 79.1370, 82.5103

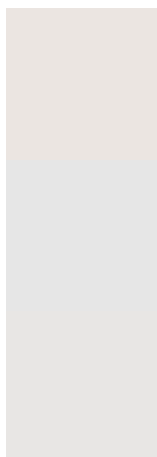
Deuteranomaly

78.6587, 78.9342, 83.0416

Tritanomaly

77.6802, 79.0571, 91.2861

Monochromacy



Original Color

75.8709, 79.1370, 82.5103

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.5791, 79.3509, 84.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8709, 79.1370, 82.5103 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(235, 229, 225) looks like.

```
.text, #text, p{  
    color:rgb(235, 229, 225)  
}
```

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(235, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 225) }
```

Border

The CSS property to change the border of an element to XYZ 75.8709, 79.1370, 82.5103 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(235, 229, 225) }
```


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

```
.border{ border-color:rgb(235, 229, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 229, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 229, 225); box-shadow:4px 4px 4px 4px rgb(235, 229, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8709, 79.1370, 82.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 229, 225) }
```

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

```
.background{ background-color: rgb(235,  
229, 225) }
```

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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