

Converting Colors

XYZ(75.5209, 77.2847, 84.3359)

Have a look what the booklet for
XYZ(75.5209, 77.2847, 84.3359)
contains.

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Color

**XYZ(75.5209, 77.2847,
84.3359)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE1E4
RGB	236, 225, 228
RGB Percent	93%, 88%, 89%
CMY	0.0745, 0.1176, 0.1059
CMYK	0.00, 0.05, 0.03, 0.07
HSL	344°, 22%, 90%
HSV	344°, 5%, 93%
XYZ	75.5209, 77.2847, 84.3359
YIQ	228.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

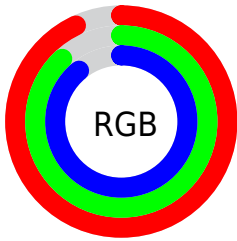
Format	Color
RYB	236, 225, 228
Decimal	15524324
CIELab	90.45, 4.26, -0.14
CIELCh	90, 4.260, 358.182
Yxy	77.2847, 0.3185, 0.3259
Android (android.graphics.Color)	4293714404 (0xFFECE1E4)
YUV	228.6310, -0.3111, 4.4626
Hunter-Lab	87.9117, -0.5044, 4.6598

Details

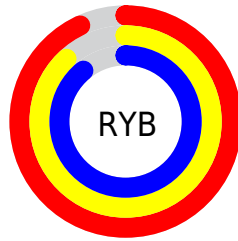
The XYZ color **75.5209, 77.2847, 84.3359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7577, 81.8837, 88.9071**, and the grayscale version is **74.2063, 78.0708, 85.0191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7399, 41.4699, 45.3924** is the 20% darker color. If you saturate the color by 10%, you get **67.3106, 64.4904, 70.4178**, and if you desaturate by 10%, it is **84.8541, 91.9440, 99.7981**.

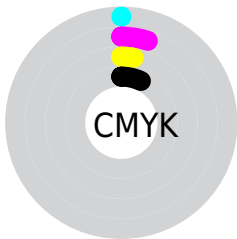
Distribution



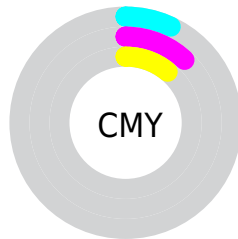
- Red (93%)
- Green (88%)
- Blue (89%)



- Red (93%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5209, 77.2847, 84.3359 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 75.5209, 77.2847, 84.3359 by changing the saturation by 10% instead.

■ 75.5209, 77.2847,
84.3359

■ 75.5209, 77.2847,
84.3359

468.6757,
485.7342, 529.5152

■ 56.3354, 57.4866,
62.7458

126.0334,
129.5413, 141.3109

■ 40.7100, 41.3960,
45.1959

158.0912,
162.7685, 177.5328

■ 28.2792, 28.6287,
31.2677

195.1704,
201.2409, 219.4691

■ 18.6778, 18.8001,
20.5426

237.6364,
245.3429, 267.5384

■ 11.5403, 11.5259,
12.6021

285.8546,
295.4588, 322.1590

■ 6.5014, 6.4217,
7.0276

340.1903,

■ 3.1958, 3.1032,

351.9731, 383.7497

3.4007

401.0089,
415.2700, 452.7289

■ 1.2582, 1.1858,
1.3027

■ 0.1516, 0.0501,
0.0640

■ 75.5209, 77.2847,
84.3359

■ 75.5209, 77.2847,
84.3359

■ 67.3106, 64.4904,
70.4178

■ 84.8541, 91.9440,
99.7981

■ 60.1739, 53.4763,
57.9907

■ 88.4026, 96.5731,
108.5889

■ 54.0674, 44.1662,
47.0055

■ 48.9420, 36.4742,
37.4087

■ 44.7448, 30.3071,
29.1431

■ 41.4175, 25.5620,
22.1475

■ 38.8951, 22.1231,
16.3556

■ 37.1027, 19.8565,
11.6944

■ 35.9499, 18.5983,
8.0812

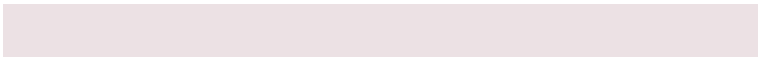
Harmonies

Analogous

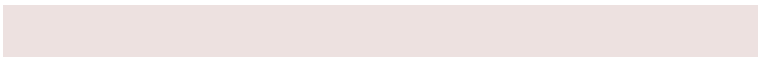
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2092, 77.2847, 87.2773



75.5209, 77.2847, 84.3359



75.2751, 77.2847, 81.4126

Triad

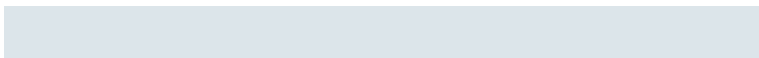
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5209, 77.2847, 84.3359



72.4947, 77.2847, 79.0897



72.3833, 77.2847, 89.2281

Complementary

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



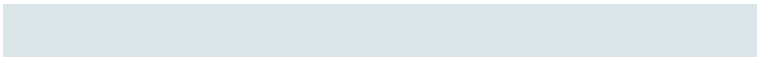
75.5209, 77.2847, 84.3359



75.7577, 81.8837, 88.9071

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.



71.6680, 77.2847, 86.9479



75.5209, 77.2847, 84.3359



71.7318, 77.2847, 81.0981

Square

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



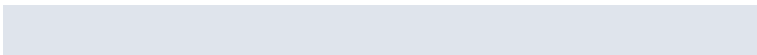
75.5209, 77.2847, 84.3359



73.5217, 77.2847, 78.4278



71.4306, 77.2847, 83.9642



73.3919, 77.2847, 90.1438

Rectangle

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



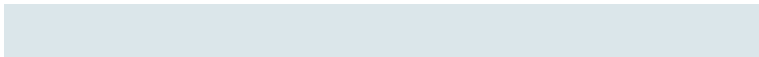
75.5209, 77.2847, 84.3359



74.8295, 77.2847, 79.8578



71.4306, 77.2847, 83.9642



72.1010, 77.2847, 88.5931

Sweetspot

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



75.5231, 77.2881, 84.3376



93.9446, 98.2649, 107.0651



75.6343, 77.2141, 90.2755



20.1197, 21.0510, 22.9357



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

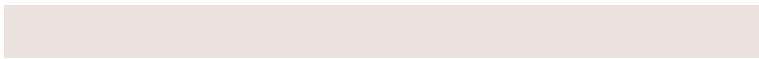
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5231, 77.2881, 84.3376



88.6211, 89.9274, 98.1705



75.7592, 78.4203, 82.3818



15.7419, 15.9139, 17.3753



19.6292, 10.0544, 3.8487



1.5806, 0.8052, 0.5089

Inverse Universe

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



75.5231, 77.2881, 84.3376



88.6211, 89.9274, 98.1705



75.5081, 80.6936, 90.9537



15.7419, 15.9139, 17.3753



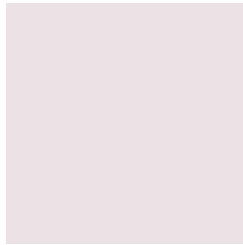
19.6292, 10.0544, 3.8487



1.5806, 0.8052, 0.5089

Previews

White Background



This preview shows how the XYZ color 75.5209, 77.2847, 84.3359 looks on a white background.

Color Contrast Check

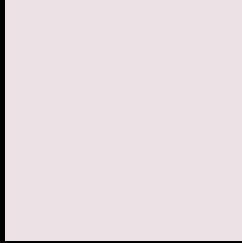
Large Text (above 18pt) WCAG AA × Fail

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 75.5209, 77.2847, 84.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

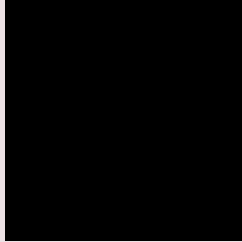
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

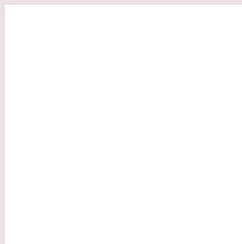
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5209, 77.2847, 84.3359

Background



This preview shows how black text looks on a background with the XYZ color 75.5209, 77.2847, 84.3359.



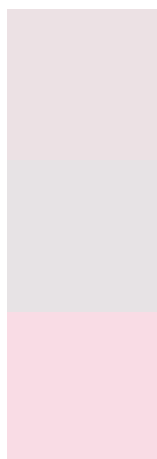
This preview shows how white text looks on a background with the XYZ color 75.5209, 77.2847,

84.3359.

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

75.5209, 77.2847, 84.3359

Protanopia

74.5669, 77.5842, 85.1739

Deuteranopia

78.8030, 76.9833, 84.8346



Tritanopia

77.5248, 77.3034, 94.0541

Trichromacy



Original Color

75.5209, 77.2847, 84.3359

Protanomaly

74.9435, 77.3735, 85.1134

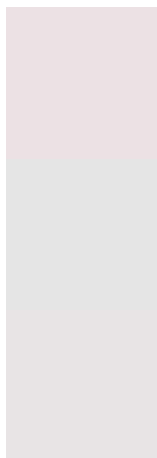
Deuteranomaly

77.5724, 77.1328, 84.9284

Tritanomaly

76.7210, 77.3720, 90.2475

Monochromacy



Original Color

75.5209, 77.2847, 84.3359

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1650, 78.2998, 85.2805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5209, 77.2847, 84.3359 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(236, 225, 228) looks like.

```
.text, #text, p{  
    color:rgb(236, 225, 228)  
}
```

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(236, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 225, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.5209, 77.2847, 84.3359 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(236, 225, 228) }
```


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

```
.border{ border-color:rgb(236, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 225,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5209, 77.2847, 84.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 225, 228) }
```

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

```
.background{ background-color: rgb(236,  
225, 228) }
```

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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