

Converting Colors

XYZ(76.0515, 77.8676, 75.7182)

Have a look what the booklet for
XYZ(76.0515, 77.8676, 75.7182)
contains.

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Color

**XYZ(75.9378, 77.6855,
75.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E1D8
RGB	242, 225, 216
RGB Percent	95%, 88%, 85%
CMY	0.0510, 0.1176, 0.1529
CMYK	0.00, 0.07, 0.11, 0.05
HSL	21°, 50%, 90%
HSV	21°, 11%, 95%
XYZ	75.9378, 77.6855, 75.9582
YIQ	229.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

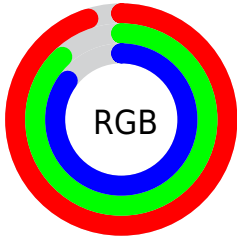
Format	Color
R _Y B	242, 230, 216
Decimal	15917528
CIE Lab	90.64, 4.32, 6.48
CIE LCh	91, 7.784, 56.316
Yxy	77.6855, 0.3308, 0.3384
Android (android.graphics.Color)	4294107608 (0xFFF2E1D8)
YUV	229.0570, -6.4371, 11.3510
Hunter-Lab	88.1394, -0.4546, 10.6017

Details

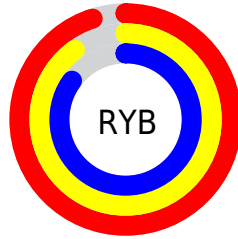
The XYZ color **75.9378, 77.6855, 75.9582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4846, 79.2861, 95.4359**, and the grayscale version is **74.5591, 78.4419, 85.4233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0574, 41.7618, 39.6151** is the 20% darker color. If you saturate the color by 10%, you get **68.9570, 68.3670, 59.3157**, and if you desaturate by 10%, it is **83.7799, 87.9876, 95.1629**.

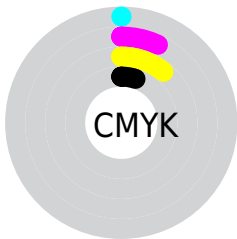
Distribution



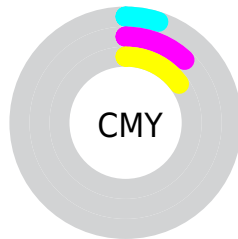
- Red (95%)
- Green (88%)
- Blue (85%)



- Red (95%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9378, 77.6855, 75.9582 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 75.9378, 77.6855, 75.9582 by changing the saturation by 10% instead.

75.9378, 77.6855,
75.9582

75.9378, 77.6855,
75.9582

470.0824,
487.0981, 500.5476

56.6784, 57.8157,
55.8918

126.6198,
130.1067, 129.4274

40.9862, 41.6605,
39.7128

158.7731,
163.4268, 163.6672

28.4959, 28.8355,
27.0026

195.9551,
201.9992, 203.4686

18.8422, 18.9564,
17.3427

238.5311,
246.2081, 249.2500

11.6596, 11.6388,
10.3146

286.8664,
296.4381, 301.4301

6.5829, 6.4982,
5.4997

341.3266,

3.2466, 3.1503,

353.0735, 360.4274

2.4795

402.2768,
416.4987, 426.6604

■ 1.2855, 1.2107,
0.8293

■ 0.1723, 0.0704,
0.0000

■ 75.9378, 77.6855,
75.9582

■ 75.9378, 77.6855,
75.9582

■ 68.9570, 68.3670,
59.3157

■ 83.7799, 87.9876,
95.1629

■ 62.8004, 59.9924,
45.1212

■ 90.4283, 97.6174,
108.6837

■ 57.4374, 52.5342,
33.2591

■ 52.8329, 45.9596,
23.6027

■ 48.9490, 40.2338,
16.0128

■ 45.7440, 35.3194,
10.3342

■ 43.1714, 31.1756,
6.3894

■ 41.1772, 27.7573,
3.9669

■ 39.7739, 25.1886,
2.7656

Harmonies

Analogous

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



77.2514, 77.6855, 79.9126



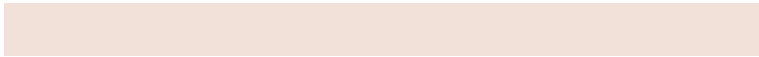
75.9378, 77.6855, 75.9582



74.0791, 77.6855, 74.3120

Triad

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



75.9378, 77.6855, 75.9582



70.1572, 77.6855, 83.8978



75.5132, 77.6855, 94.5860

Complementary

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



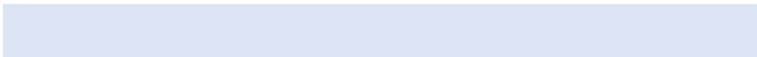
75.9378, 77.6855, 75.9582



73.4846, 79.2861, 95.4359

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.



73.5969, 77.6855, 95.7664



75.9378, 77.6855, 75.9582



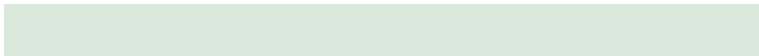
70.5261, 77.6855, 89.4388

Square

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



75.9378, 77.6855, 75.9582



70.7602, 77.6855, 78.7668



71.7768, 77.6855, 93.8442



77.0033, 77.6855, 90.6856

Rectangle

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



75.9378, 77.6855, 75.9582



72.7889, 77.6855, 74.6892



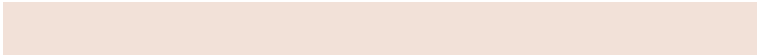
71.7768, 77.6855, 93.8442



74.8966, 77.6855, 95.3213

Sweetspot

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



75.9399, 77.6889, 75.9599



92.2680, 96.3678, 102.0169



75.9304, 73.8923, 87.6023



19.5933, 20.4226, 21.4518



0.0000, 0.0000, 0.0000



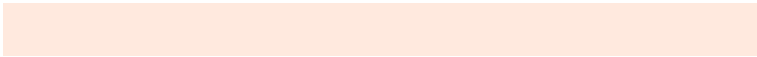
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9399, 77.6889, 75.9599



83.6373, 84.9911, 80.9986



79.4911, 84.7912, 77.1436



16.2204, 16.6540, 16.5093



21.4815, 13.7611, 1.5240



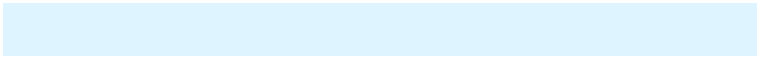
1.8767, 1.3240, 0.1567

Inverse Universe

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



73.4846, 79.2861, 95.4359



80.3345, 87.1385, 107.1931



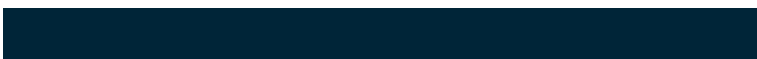
70.0277, 72.3724, 94.2836



15.7598, 16.9537, 20.1634



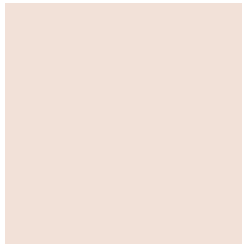
15.3282, 16.8806, 47.5783



1.3676, 1.5893, 3.9889

Previews

White Background



This preview shows how the XYZ color 75.9378, 77.6855, 75.9582 looks on a white background.

Color Contrast Check

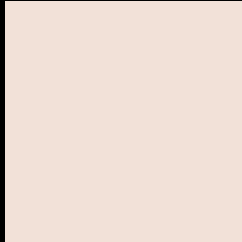
Large Text (above 18pt) WCAG AA × Fail

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 75.9378, 77.6855, 75.9582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

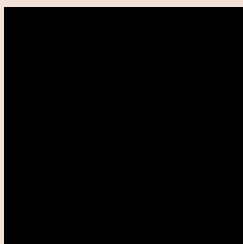
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

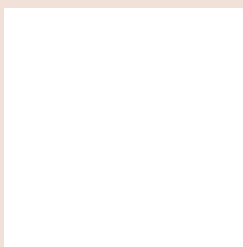
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9378, 77.6855, 75.9582

Background



This preview shows how black text looks on a background with the XYZ color 75.9378, 77.6855, 75.9582.



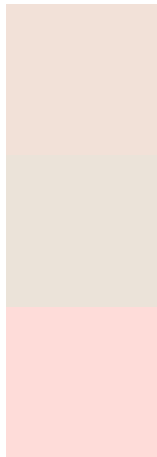
This preview shows how white text looks on a background with the XYZ color 75.9378, 77.6855,

75.9582.

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

75.9378, 77.6855, 75.9582

Protanopia

74.2544, 77.6101, 76.7123

Deuteranopia

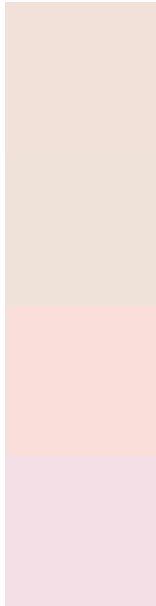
78.9906, 77.2670, 76.3964



Tritanopia

79.3575, 77.8870, 92.5125

Trichromacy



Original Color

75.9378, 77.6855, 75.9582

Protanomaly

74.9806, 77.5796, 76.6681

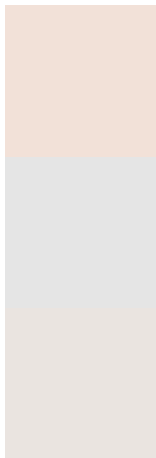
Deuteranomaly

78.0700, 77.5763, 76.5046

Tritanomaly

78.1197, 77.7780, 86.4966

Monochromacy



Original Color

75.9378, 77.6855, 75.9582

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1296, 78.3610, 81.6864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9378, 77.6855, 75.9582 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(242, 225, 216) looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 216)  
}
```

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(242, 225, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.9378, 77.6855, 75.9582 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(242, 225, 216) }
```


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

```
.border{ border-color:rgb(242, 225, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 225, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9378, 77.6855, 75.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 216) }
```

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

```
.background{ background-color: rgb(242,  
225, 216) }
```

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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