

Converting Colors

XYZ(76.1665, 77.0808, 78.8889)

Have a look what the booklet for
XYZ(76.1665, 77.0808, 78.8889)
contains.

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Color

**XYZ(75.9239, 76.8199,
78.5363)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DFDC
RGB	242, 223, 220
RGB Percent	95%, 87%, 86%
CMY	0.0510, 0.1255, 0.1372
CMYK	0.00, 0.08, 0.09, 0.05
HSL	8°, 46%, 91%
HSV	8°, 9%, 95%
XYZ	75.9239, 76.8199, 78.5363
YIQ	228.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

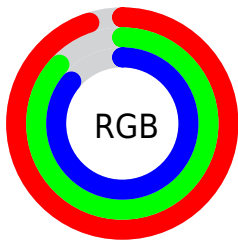
Format	Color
R _Y B	242, 223, 220
Decimal	15917020
CIE Lab	90.24, 6.00, 3.81
CIE LCh	90, 7.108, 32.385
Yxy	76.8199, 0.3283, 0.3322
Android (android.graphics.Color)	4294107100 (0xFFFF2DFDC)
YUV	228.3390, -4.1111, 11.9807
Hunter-Lab	87.6470, 1.2429, 8.2259

Details

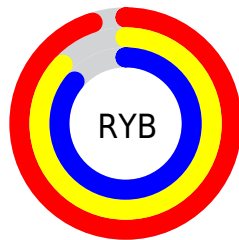
The XYZ color **75.9239, 76.8199, 78.5363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4085, 83.3580, 96.0678**, and the grayscale version is **74.0156, 77.8702, 84.8007**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0439, 41.1610, 41.3789** is the 20% darker color. If you saturate the color by 10%, you get **67.7060, 65.1468, 61.1123**, and if you desaturate by 10%, it is **85.2991, 90.0633, 98.6369**.

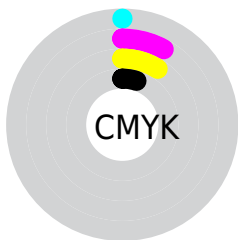
Distribution



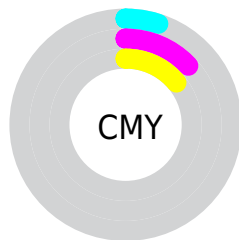
- Red (95%)
- Green (87%)
- Blue (86%)



- Red (95%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9239, 76.8199, 78.5363 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 75.9239, 76.8199, 78.5363 by changing the saturation by 10% instead.


 75.9239, 76.8199,
78.5363

 75.9239, 76.8199,
78.5363


470.0355,
484.1498, 509.5624

 56.6669, 57.1051,
57.9956


126.6003,
128.8852, 133.0986

 40.9770, 41.0896,
41.3904

158.7504,
162.0045, 167.9573

 28.4887, 28.3891,
28.3023


195.9289,
200.3607, 208.4256

 18.8367, 18.6192,
18.3126

238.5013,
244.3383, 254.9223

 11.6557, 11.3954,
11.0029

286.8327,
294.3216, 307.8657

 6.5802, 6.3335,
5.9546

341.2887,

 3.2449, 3.0489,

350.6950, 367.6746

2.7491

402.2345,
413.8429, 434.7672

■ 1.2846, 1.1573,
0.9680

■ 0.1716, 0.0264,
0.0000

■ 75.9239, 76.8199,
78.5363

■ 75.9239, 76.8199,
78.5363

■ 67.7060, 65.1468,
61.1123

■ 85.2991, 90.0633,
98.6369

■ 60.5941, 54.9759,
46.2471

■ 90.4283, 97.6174,
108.6837

■ 54.5426, 46.2491,
33.8214

■ 49.5002, 38.9008,
23.7047

■ 45.4113, 32.8600,
15.7538

■ 42.2149, 28.0495,
9.8101

■ 39.8426, 24.3840,
5.6927

■ 38.2158, 21.7669,
3.1882

■ 37.2298, 20.0812,
1.9770

Harmonies

Analogous

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



76.4649, 76.8199, 83.2393



75.9239, 76.8199, 78.5363



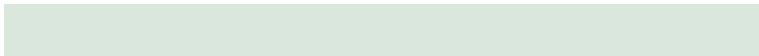
74.6023, 76.8199, 75.3093

Triad

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



75.9239, 76.8199, 78.5363



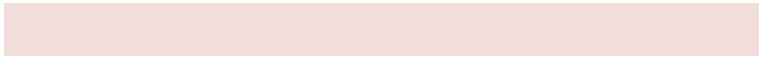
70.0437, 76.8199, 79.2111



73.1566, 76.8199, 93.7544

Complementary

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



75.9239, 76.8199, 78.5363



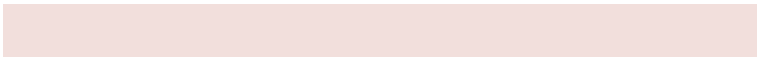
76.4085, 83.3580, 96.0678

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.



71.4504, 76.8199, 92.5716



75.9239, 76.8199, 78.5363



69.6705, 76.8199, 84.0496

Square

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



75.9239, 76.8199, 78.5363



71.2091, 76.8199, 75.6877



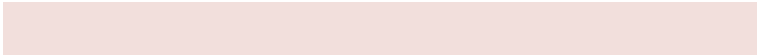
70.1814, 76.8199, 88.9681



74.8512, 76.8199, 92.1388

Rectangle

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



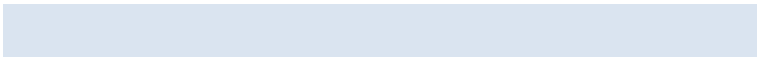
75.9239, 76.8199, 78.5363



73.4665, 76.8199, 74.3591



70.1814, 76.8199, 88.9681



72.5654, 76.8199, 93.6709

Sweetspot

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



75.9260, 76.8233, 78.5379



91.7714, 95.3748, 101.8514



77.8020, 76.3007, 92.3408



19.4597, 20.1554, 21.4073



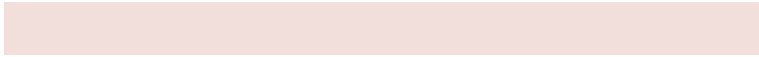
0.0000, 0.0000, 0.0000



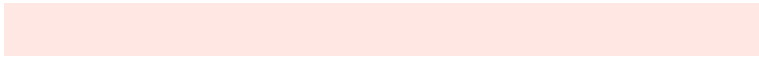
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9260, 76.8233, 78.5379



83.6127, 83.8322, 84.4112



78.9410, 82.8533, 79.5429



15.9468, 16.1068, 16.4182



20.0206, 10.8393, 1.0370



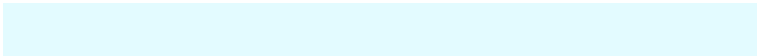
1.7196, 1.0099, 0.1043

Inverse Universe

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



76.4085, 83.3580, 96.0678



84.2630, 92.6432, 108.0485



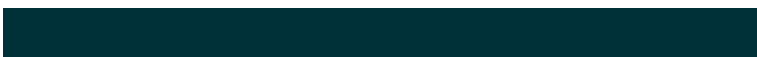
73.3050, 77.1511, 95.0333



16.0526, 17.5393, 20.2610



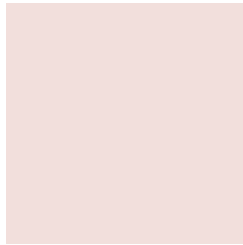
20.9271, 28.0784, 49.4446



1.7913, 2.4365, 4.1301

Previews

White Background



This preview shows how the XYZ color 75.9239, 76.8199, 78.5363 looks on a white background.

Color Contrast Check

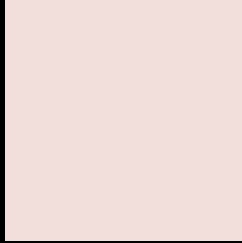
Large Text (above 18pt) WCAG AA × Fail

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 75.9239, 76.8199, 78.5363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

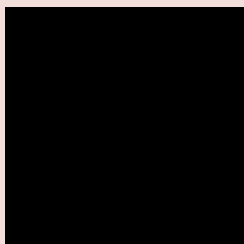
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

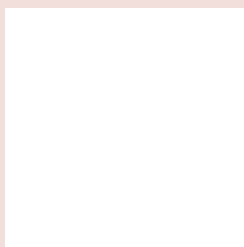
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9239, 76.8199, 78.5363

Background



This preview shows how black text looks on a background with the XYZ color 75.9239, 76.8199, 78.5363.

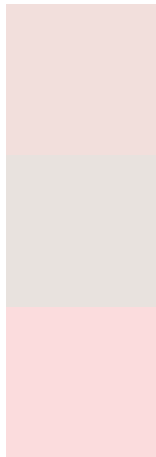


This preview shows how white text looks on a background with the XYZ color 75.9239, 76.8199,

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

75.9239, 76.8199, 78.5363

Protanopia

73.6599, 76.8224, 80.0532

Deuteranopia

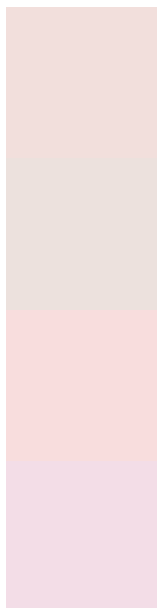
78.4280, 76.9161, 79.1193



Tritanopia

78.3340, 76.5925, 91.5441

Trichromacy



Original Color

75.9239, 76.8199, 78.5363

Protanomaly

74.5684, 76.9038, 79.3203

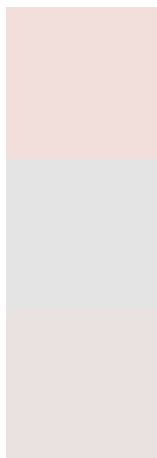
Deuteranomaly

77.6190, 76.8898, 79.1569

Tritanomaly

77.2424, 76.5371, 86.3033

Monochromacy



Original Color

75.9239, 76.8199, 78.5363

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3912, 77.1526, 82.2053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9239, 76.8199, 78.5363 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, 223, 220) looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 220)  
}
```

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, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.9239, 76.8199, 78.5363 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, 223, 220) }
```


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

```
.border{ border-color:rgb(242, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9239, 76.8199, 78.5363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 220) }
```

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

```
.background{ background-color: rgb(242,  
223, 220) }
```

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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