

Converting Colors

XYZ(75.9800, 77.1086, 75.5177)

Have a look what the booklet for
XYZ(75.9800, 77.1086, 75.5177)
contains.

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Color

**XYZ(75.7445, 76.7879,
75.7951)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DFD8
RGB	243, 223, 216
RGB Percent	95%, 87%, 85%
CMY	0.0471, 0.1255, 0.1529
CMYK	0.00, 0.08, 0.11, 0.05
HSL	16°, 53%, 90%
HSV	16°, 11%, 95%
XYZ	75.7445, 76.7879, 75.7951
YIQ	228.1820, 14.1670, 2.0630

Conversions

Conversions Part 2

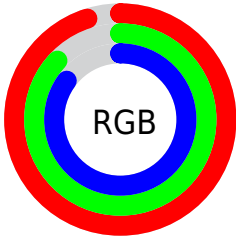
Format	Color
R _Y B	243, 225, 216
Decimal	15982552
CIE Lab	90.22, 5.70, 5.89
CIE LCh	90, 8.199, 45.953
Yxy	76.7879, 0.3317, 0.3363
Android (android.graphics.Color)	4294172632 (0xFF3DFD8)
YUV	228.1820, -6.0057, 12.9954
Hunter-Lab	87.6287, 0.9416, 10.0568

Details

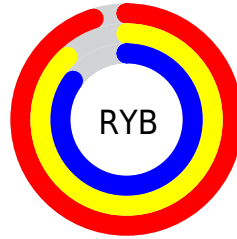
The XYZ color **75.7445, 76.7879, 75.7951** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4917, 81.0594, 96.5148**, and the grayscale version is **73.9131, 77.7623, 84.6832**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9292, 41.1433, 39.5025** is the 20% darker color. If you saturate the color by 10%, you get **68.2775, 66.5147, 58.9359**, and if you desaturate by 10%, it is **84.1914, 88.2758, 95.2748**.

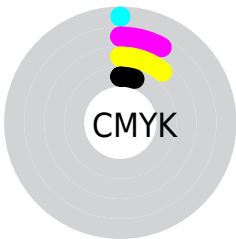
Distribution



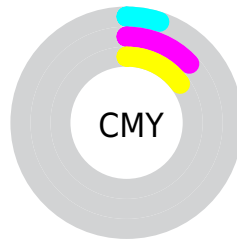
- Red (95%)
- Green (87%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7445, 76.7879, 75.7951 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 75.7445, 76.7879, 75.7951 by changing the saturation by 10% instead.


 75.7445, 76.7879,
75.7951

 75.7445, 76.7879,
75.7951


469.4305,
484.0406, 499.9741

 56.5193, 57.0788,
55.7589


126.3480,
128.8400, 129.1947

 40.8581, 41.0685,
39.6069


158.4570,
161.9519, 163.3951

 28.3954, 28.3726,
26.9207


195.5913,
200.3001, 203.1539

 18.7659, 18.6067,
17.2818

238.1164,
244.2691, 248.8898

 11.6043, 11.3865,
10.2715

286.3974,
294.2432, 301.0212

 6.5451, 6.3274,
5.4714

340.7999,

 3.2230, 3.0452,

350.6069, 359.9667

2.4629

401.6891,
413.7446, 426.1448

■ 1.2728, 1.1554,
0.8204

■ 0.1627, 0.0248,
0.0000

■ 75.7445, 76.7879,
75.7951

■ 75.7445, 76.7879,
75.7951

■ 68.2775, 66.5147,
58.9359

■ 84.1914, 88.2758,
95.2748

■ 61.7479, 57.4062,
44.5801

■ 90.7725, 97.7949,
108.6998

■ 56.1193, 49.4235,
32.6087

■ 51.3504, 42.5221,
22.8913

■ 47.3964, 36.6540,
15.2848

■ 44.2084, 31.7677,
9.6294

■ 41.7314, 27.8068,
5.7423

■ 39.9021, 24.7085,
3.4052

■ 38.7422, 22.6143,
2.3231

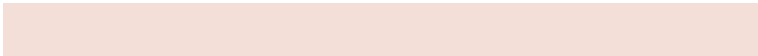
Harmonies

Analogous

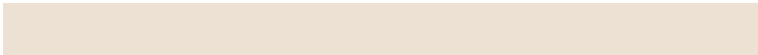
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8195, 76.7879, 80.5606



75.7445, 76.7879, 75.7951



73.9403, 76.7879, 73.1824

Triad

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



75.7445, 76.7879, 75.7951



69.2468, 76.7879, 80.9132



74.0675, 76.7879, 94.8764

Complementary

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



75.7445, 76.7879, 75.7951



74.4917, 81.0594, 96.5148

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.



72.0371, 76.7879, 94.9816



75.7445, 76.7879, 75.7951



69.2794, 76.7879, 86.7333

Square

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



75.7445, 76.7879, 75.7951



70.2026, 76.7879, 76.0428



70.2926, 76.7879, 91.9422



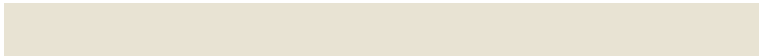
75.8391, 76.7879, 91.6610

Rectangle

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



75.7445, 76.7879, 75.7951



72.5787, 76.7879, 72.9309



70.2926, 76.7879, 91.9422



73.3920, 76.7879, 95.2816

Sweetspot

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



75.7466, 76.7913, 75.7967



92.0618, 95.9554, 101.9482



76.6956, 74.2382, 89.8355



19.5377, 20.3116, 21.4333



0.0000, 0.0000, 0.0000



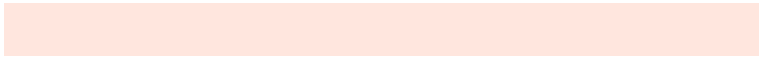
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7466, 76.7913, 75.7967



82.8269, 83.3702, 80.7285



79.4252, 84.1485, 77.0229



16.8486, 17.1813, 17.2259



21.3551, 12.5957, 1.3057



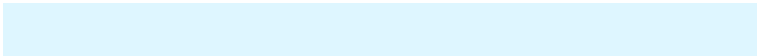
1.9568, 1.2669, 0.1414

Inverse Universe

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



74.4917, 81.0594, 96.5148



81.2059, 88.8812, 107.4835



70.8185, 73.7129, 95.2903



16.6116, 17.9875, 21.1390



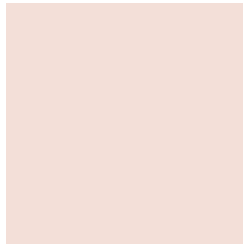
17.9471, 21.6880, 49.7783



1.6601, 2.0717, 4.4026

Previews

White Background



This preview shows how the XYZ color 75.7445, 76.7879, 75.7951 looks on a white background.

Color Contrast Check

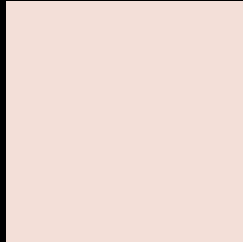
Large Text (above 18pt) WCAG AA × Fail

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 75.7445, 76.7879, 75.7951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

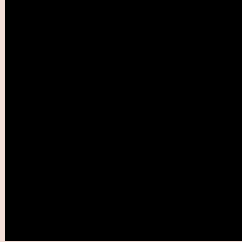
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

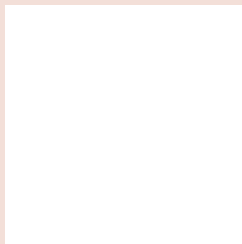
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7445, 76.7879, 75.7951

Background



This preview shows how black text looks on a background with the XYZ color 75.7445, 76.7879, 75.7951.



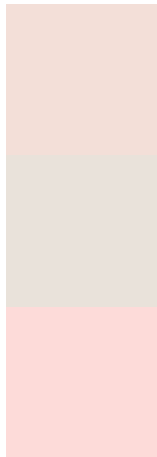
This preview shows how white text looks on a background with the XYZ color 75.7445, 76.7879,

75.7951.

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

75.7445, 76.7879, 75.7951

Protanopia

73.4555, 76.7783, 77.2778

Deuteranopia

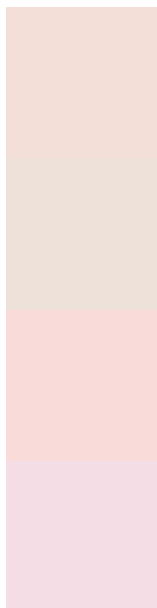
78.3639, 76.5554, 76.2921



Tritanopia

78.8853, 76.8937, 90.8050

Trichromacy



Original Color

75.7445, 76.7879, 75.7951

Protanomaly

74.3747, 76.8647, 76.5620

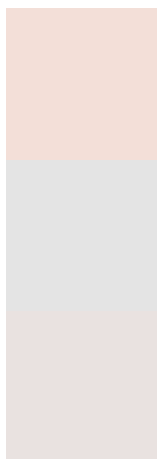
Deuteranomaly

77.1845, 76.3359, 76.3119

Tritanomaly

77.6555, 76.7825, 84.8564

Monochromacy



Original Color

75.7445, 76.7879, 75.7951

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2552, 77.0982, 81.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7445, 76.7879, 75.7951 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(243, 223, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 223, 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(243, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 216) }
```

Border

The CSS property to change the border of an element to XYZ 75.7445, 76.7879, 75.7951 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(243, 223, 216) }
```


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

```
.border{ border-color:rgb(243, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 223,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7445, 76.7879, 75.7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 223, 216) }
```

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

```
.background{ background-color: rgb(243,  
223, 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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