

Converting Colors

XYZ(72.7534, 75.3168, 78.7244)

Have a look what the booklet for
XYZ(72.7534, 75.3168, 78.7244)
contains.

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Color

**XYZ(72.5847, 75.0985,
78.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DFDC
RGB	232, 223, 220
RGB Percent	91%, 87%, 86%
CMY	0.0902, 0.1255, 0.1372
CMYK	0.00, 0.04, 0.05, 0.09
HSL	15°, 21%, 89%
HSV	15°, 5%, 91%
XYZ	72.5847, 75.0985, 78.3800
YIQ	225.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

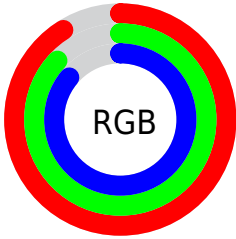
Format	Color
R _Y B	232, 224, 220
Decimal	15261660
CIE Lab	89.44, 2.54, 2.55
CIE LCh	89, 3.601, 45.028
Yxy	75.0985, 0.3211, 0.3322
Android (android.graphics.Color)	4293451740 (0xFFE8DFDC)
YUV	225.3490, -2.6371, 5.8329
Hunter-Lab	86.6594, -2.1448, 7.0361

Details

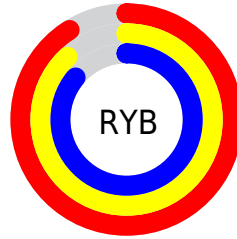
The XYZ color **72.5847, 75.0985, 78.3800** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1000, 77.0793, 87.4227**, and the grayscale version is **71.8361, 75.5772, 82.3036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6987, 39.9520, 41.2692** is the 20% darker color. If you saturate the color by 10%, you get **65.3128, 65.1348, 61.8341**, and if you desaturate by 10%, it is **80.7647, 86.1940, 97.3342**.

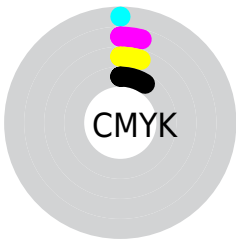
Distribution



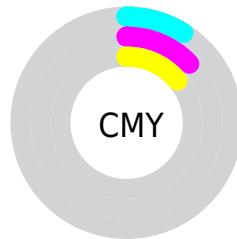
- Red (91%)
- Green (87%)
- Blue (86%)



- Red (91%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5847, 75.0985, 78.3800 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 72.5847, 75.0985, 78.3800 by changing the saturation by 10% instead.

■ 72.5847, 75.0985,
78.3800

■ 72.5847, 75.0985,
78.3800

458.7003,
478.2561, 509.0185

■ 53.9236, 55.6936,
57.8679

121.8938,
126.4518, 132.8764

■ 38.7710, 39.9573,
41.2885

153.2725,
159.1689, 167.6978

■ 26.7616, 27.5053,
28.2231

189.6211,
197.0923, 208.1260

■ 17.5299, 17.9531,
18.2534

231.3050,
240.6063, 254.5796

■ 10.7106, 10.9163,
10.9608

278.6895,
290.0952, 307.4771

■ 5.9385, 6.0106,
5.9266

332.1399,

■ 2.8480, 2.8515,

345.9436, 367.2370

2.7324

392.0218,
408.5357, 434.2780

■ 1.0739, 1.0547,
0.9597

■ 0.0031, 0.0000,
0.0000

■ 72.5847, 75.0985,
78.3800

■ 72.5847, 75.0985,
78.3800

■ 65.3128, 65.1348,
61.8341

■ 80.7647, 86.1940,
97.3342

■ 58.9108, 56.2574,
47.5948

■ 87.0892, 95.8960,
108.5274

■ 53.3471, 48.4322,
35.5605

■ 48.5858, 41.6192,
25.6200

■ 44.5883, 35.7763,
17.6524

■ 41.3124, 30.8581,
11.5243

■ 38.7117, 26.8153,
7.0855

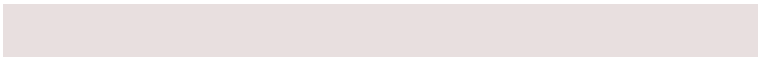
■ 36.7337, 23.5939,
4.1618

■ 35.3168, 21.1328,
2.5404

Harmonies

Analogous

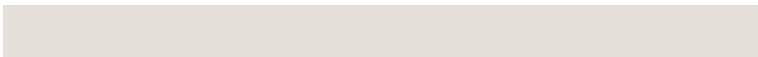
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0300, 75.0985, 80.5161



72.5847, 75.0985, 78.3800



71.8181, 75.0985, 77.1648

Triad

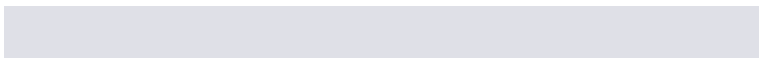
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5847, 75.0985, 78.3800



69.7524, 75.0985, 80.5206



71.8197, 75.0985, 86.5526

Complementary

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



72.5847, 75.0985, 78.3800



72.1000, 77.0793, 87.4227

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.



70.9414, 75.0985, 86.5539



72.5847, 75.0985, 78.3800



69.7528, 75.0985, 83.0358

Square

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



72.5847, 75.0985, 78.3800



70.1853, 75.0985, 78.3832



70.1865, 75.0985, 85.2553



72.5859, 75.0985, 85.2519

Rectangle

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



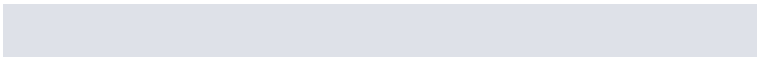
72.5847, 75.0985, 78.3800



71.2303, 75.0985, 77.0241



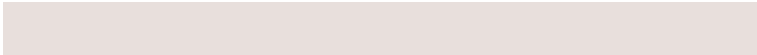
70.1865, 75.0985, 85.2553



71.5277, 75.0985, 86.7059

Sweetspot

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



72.5868, 75.1018, 78.3816



93.0321, 97.2607, 104.2302



73.0158, 74.0005, 84.5650



19.9339, 20.8466, 22.3585



0.0000, 0.0000, 0.0000



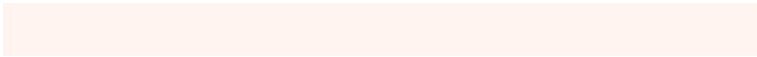
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5868, 75.1018, 78.3816



89.1331, 91.9524, 95.2554



74.2173, 78.3628, 78.9251



15.1161, 15.5629, 16.0394



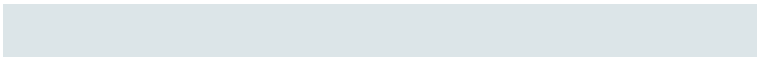
19.4015, 11.3771, 1.1734



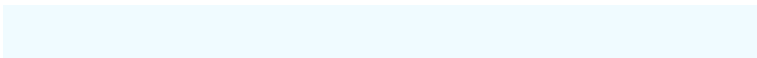
1.5062, 0.9857, 0.1109

Inverse Universe

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



72.1000, 77.0793, 87.4227



88.4337, 94.7933, 108.2437



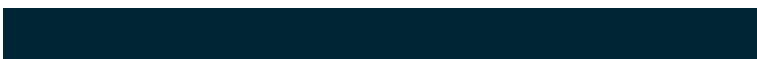
70.4695, 73.8183, 86.8792



14.9857, 16.0925, 18.4607



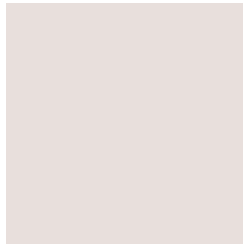
16.5857, 20.2335, 45.4145



1.2981, 1.6402, 3.3801

Previews

White Background



This preview shows how the XYZ color 72.5847, 75.0985, 78.3800 looks on a white background.

Color Contrast Check

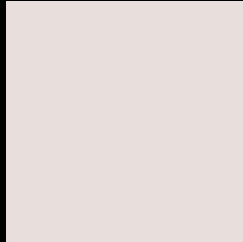
Large Text (above 18pt) WCAG AA × Fail

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 72.5847, 75.0985, 78.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

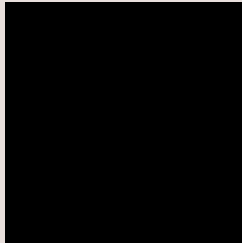
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

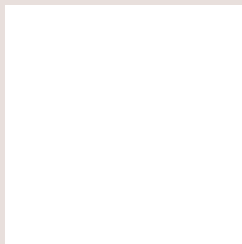
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5847, 75.0985, 78.3800

Background



This preview shows how black text looks on a background with the XYZ color 72.5847, 75.0985, 78.3800.

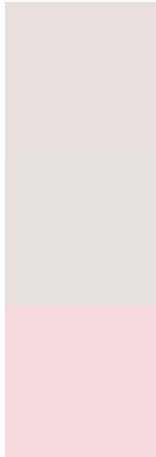


This preview shows how white text looks on a background with the XYZ color 72.5847, 75.0985,

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

72.5847, 75.0985, 78.3800

Protanopia

72.2070, 75.3016, 78.4391

Deuteranopia

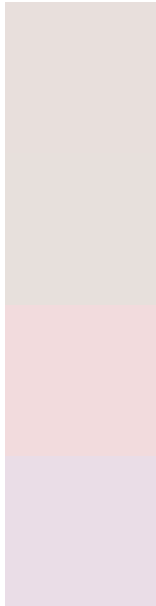
76.5754, 74.8026, 78.8090



Tritanopia

75.2868, 75.0216, 91.4015

Trichromacy



Original Color

72.5847, 75.0985, 78.3800

Protanomaly

72.5289, 75.4675, 78.4542

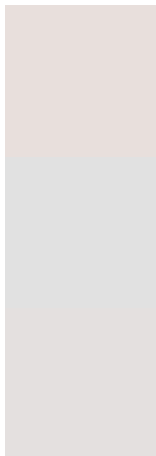
Deuteranomaly

75.0006, 74.7607, 78.8839

Tritanomaly

74.2119, 74.9748, 86.1615

Monochromacy



Original Color

72.5847, 75.0985, 78.3800

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.9698, 75.1330, 80.5209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5847, 75.0985, 78.3800 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(232, 223, 220) looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 72.5847, 75.0985, 78.3800 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(232, 223, 220) }
```


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

```
.border{ border-color:rgb(232, 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(232, 223, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5847, 75.0985, 78.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 220) }
```

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

```
.background{ background-color: rgb(232,  
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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