

Converting Colors

XYZ(72.8532, 75.8465, 78.0767)

Have a look what the booklet for
XYZ(72.8532, 75.8465, 78.0767)
contains.

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Color

**XYZ(72.9901, 76.1207,
77.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E1DB
RGB	232, 225, 219
RGB Percent	91%, 88%, 86%
CMY	0.0902, 0.1176, 0.1412
CMYK	0.00, 0.03, 0.06, 0.09
HSL	28°, 22%, 88%
HSV	28°, 6%, 91%
XYZ	72.9901, 76.1207, 77.8636
YIQ	226.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

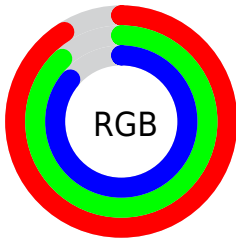
Format	Color
R_{YB}	232, 230, 219
Decimal	15262171
CIE Lab	89.92, 1.34, 3.76
CIE LCh	90, 3.995, 70.379
Yxy	76.1207, 0.3216, 0.3354
Android (android.graphics.Color)	4293452251 (0xFFE8E1DB)
YUV	226.4090, -3.6526, 4.9033
Hunter-Lab	87.2472, -3.3513, 8.1598

Details

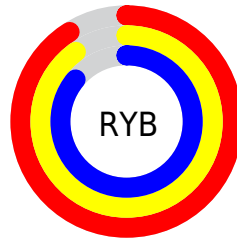
The XYZ color **72.9901, 76.1207, 77.8636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9752, 75.2778, 87.1341**, and the grayscale version is **72.6091, 76.3904, 83.1891**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9801, 40.6599, 40.9156** is the 20% darker color. If you saturate the color by 10%, you get **66.8942, 68.4802, 61.7985**, and if you desaturate by 10%, it is **79.7629, 84.4318, 96.2564**.

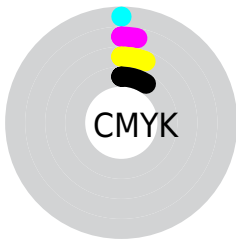
Distribution



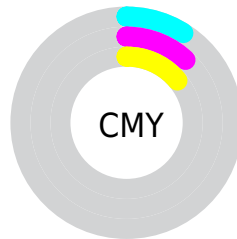
- Red (91%)
- Green (88%)
- Blue (86%)



- Red (91%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9901, 76.1207, 77.8636 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 72.9901, 76.1207, 77.8636 by changing the saturation by 10% instead.

■ 72.9901, 76.1207,
77.8636

■ 72.9901, 76.1207,
77.8636

460.0848,
481.7608, 507.2191

■ 54.2562, 56.5315,
57.4462

122.4664,
127.8975, 132.1419

■ 39.0380, 40.6292,
40.9518

153.9395,
160.8539, 166.8399

■ 26.9702, 28.0295,
27.9620

190.3897,
199.0348, 207.1352

■ 17.6873, 18.3479,
18.0582

232.1823,
242.8246, 253.4462

■ 10.8240, 11.2000,
10.8219

279.6828,
292.6077, 306.1916

■ 6.0151, 6.2015,
5.8346

333.2565,

■ 2.8950, 2.9680,

348.7685, 365.7898

2.6776

393.2687,
411.6914, 432.6595

■ 1.0985, 1.1151,
0.9321

■ 0.0238, 0.0000,
0.0000

■ 72.9901, 76.1207,
77.8636

■ 72.9901, 76.1207,
77.8636

■ 66.8942, 68.4802,
61.7985

■ 79.7629, 84.4318,
96.2564

■ 61.4459, 61.4828,
47.9620

■ 85.5071, 92.7320,
108.0001

■ 56.6234, 55.1135,
36.2556

■ 87.0891, 95.8960,
108.5274

■ 52.4008, 49.3531,
26.5711

■ 48.7502, 44.1810,
18.7906

■ 45.6414, 39.5755,
12.7842

■ 43.0404, 35.5129,
8.4051

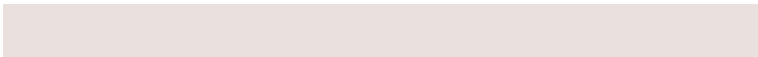
■ 40.9088, 31.9672,
5.4826

■ 39.2001, 28.9086,
3.8068

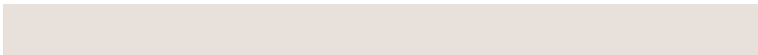
Harmonies

Analogous

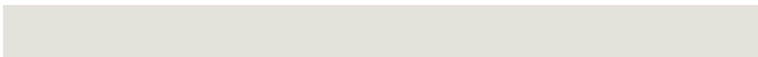
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8070, 76.1207, 79.4082



72.9901, 76.1207, 77.8636



72.0088, 76.1207, 77.6462

Triad

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



72.9901, 76.1207, 77.8636



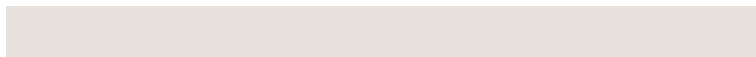
70.4982, 76.1207, 83.8664



73.5879, 76.1207, 87.0957

Complementary

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



72.9901, 76.1207, 77.8636



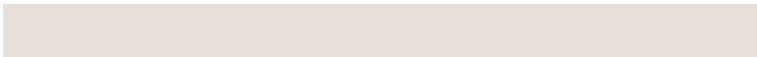
70.9752, 75.2778, 87.1341

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.



72.6932, 76.1207, 88.3491



72.9901, 76.1207, 77.8636



70.9132, 76.1207, 86.4567

Square

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



72.9901, 76.1207, 77.8636



70.5761, 76.1207, 81.0693



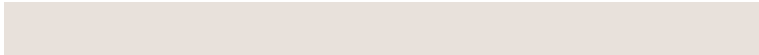
71.7145, 76.1207, 88.1126



74.1543, 76.1207, 84.7225

Rectangle

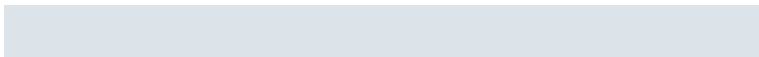
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9901, 76.1207, 77.8636



71.3941, 76.1207, 78.2778



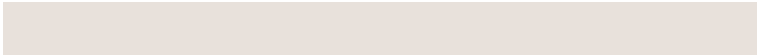
71.7145, 76.1207, 88.1126



73.3152, 76.1207, 87.6643

Sweetspot

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



72.9922, 76.1240, 77.8652



93.3703, 97.9372, 104.3429



72.3593, 73.3192, 82.3987



20.0027, 20.9843, 22.3814



0.0000, 0.0000, 0.0000



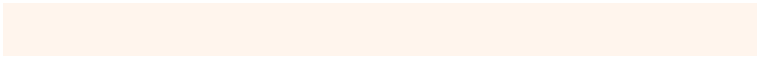
20.3446, 21.4041, 23.3091

Same Dimension

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



72.9922, 76.1240, 77.8652



89.3198, 92.9268, 93.4647



74.7398, 79.6192, 78.4478



15.1720, 15.7705, 15.7631



21.5257, 15.6256, 1.8815



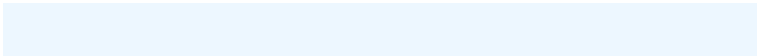
1.6828, 1.3389, 0.1697

Inverse Universe

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



70.9752, 75.2778, 87.1341



86.2113, 91.6226, 107.7489



69.2814, 71.8903, 86.5695



14.6042, 15.5322, 18.3726



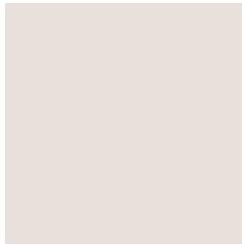
12.2744, 11.6109, 43.9774



0.9998, 1.0435, 3.2807

Previews

White Background



This preview shows how the XYZ color 72.9901, 76.1207, 77.8636 looks on a white background.

Color Contrast Check

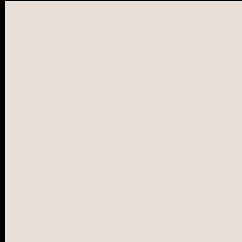
Large Text (above 18pt) WCAG AA × Fail

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 72.9901, 76.1207, 77.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

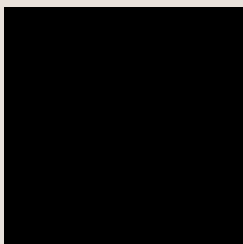
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

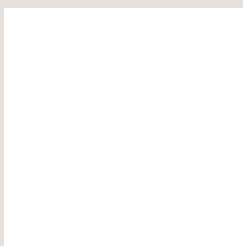
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9901, 76.1207, 77.8636

Background



This preview shows how black text looks on a background with the XYZ color 72.9901, 76.1207, 77.8636.

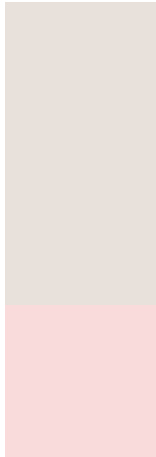


This preview shows how white text looks on a background with the XYZ color 72.9901, 76.1207,

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

72.9901, 76.1207, 77.8636

Protanopia

72.9901, 76.1207, 77.8636

Deuteranopia

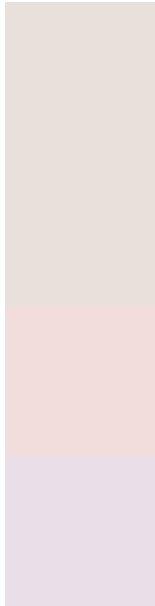
77.6741, 76.1543, 78.3155



Tritanopia

75.9622, 76.1367, 92.3536

Trichromacy



Original Color

72.9901, 76.1207, 77.8636

Protanomaly

72.9901, 76.1207, 77.8636

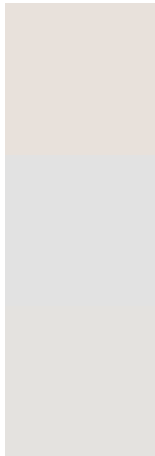
Deuteranomaly

75.7369, 75.9349, 78.3753

Tritanomaly

74.8848, 76.0940, 87.0847

Monochromacy



Original Color

72.9901, 76.1207, 77.8636

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5105, 76.2144, 80.7012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9901, 76.1207, 77.8636 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, 225, 219) looks like.

```
.text, #text, p{  
    color:rgb(232, 225, 219)  
}
```

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, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.9901, 76.1207, 77.8636 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, 225, 219) }
```


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

```
.border{ border-color:rgb(232, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(232, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9901, 76.1207, 77.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 225, 219) }
```

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

```
.background{ background-color: rgb(232,  
225, 219) }
```

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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