

Converting Colors

XYZ(72.4377, 76.3858, 78.1535)

Have a look what the booklet for
XYZ(72.4377, 76.3858, 78.1535)
contains.

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Color

**XYZ(72.2956, 76.1652,
77.9088)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E2DB
RGB	229, 226, 219
RGB Percent	90%, 89%, 86%
CMY	0.1020, 0.1137, 0.1412
CMYK	0.00, 0.01, 0.04, 0.10
HSL	42°, 16%, 88%
HSV	42°, 4%, 90%
XYZ	72.2956, 76.1652, 77.9088
YIQ	226.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

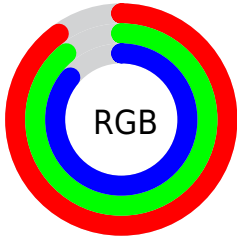
Format	Color
RYB	223, 229, 219
Decimal	15065819
CIELab	89.94, -0.20, 3.76
CIElCh	90, 3.770, 93.107
Yxy	76.1652, 0.3194, 0.3365
Android (android.graphics.Color)	4293255899 (0xFFE5E2DB)
YUV	226.0990, -3.4998, 2.5442
Hunter-Lab	87.2727, -4.8600, 8.1624

Details

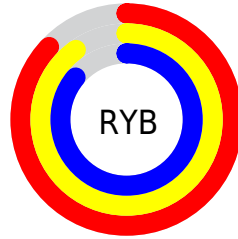
The XYZ color **72.2956, 76.1652, 77.9088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4774, 72.9586, 84.5501**, and the grayscale version is **72.3846, 76.1542, 82.9320**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7193, 40.8048, 40.9574** is the 20% darker color. If you saturate the color by 10%, you get **67.6583, 71.3873, 62.4983**, and if you desaturate by 10%, it is **77.4266, 81.2649, 95.5319**.

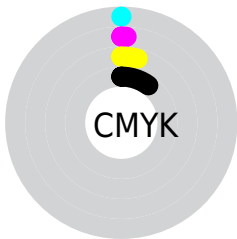
Distribution



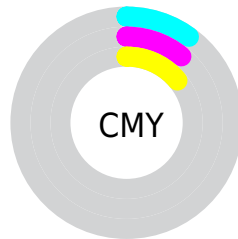
- Red (90%)
- Green (89%)
- Blue (86%)



- Red (87%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2956, 76.1652, 77.9088 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 72.2956, 76.1652, 77.9088 by changing the saturation by 10% instead.

■ 72.2956, 76.1652,
77.9088

■ 72.2956, 76.1652,
77.9088

457.7115,
481.9130, 507.3768

■ 53.6865, 56.5680,
57.4831

121.4852,
127.9604, 132.2063

■ 38.5808, 40.6585,
40.9813

152.7965,
160.9272, 166.9150

■ 26.6130, 28.0523,
27.9848

189.0725,
199.1192, 207.2219

■ 17.4179, 18.3651,
18.0753

230.6786,
242.9210, 253.5455

■ 10.6300, 11.2124,
10.8341

277.9803,
292.7169, 306.3042

■ 5.8841, 6.2099,
5.8426

331.3427,

■ 2.8147, 2.9731,

348.8913, 365.9166

2.6824

391.1313,
411.8285, 432.8013

■ 1.0565, 1.1177,
0.9345

■ 0.0000, 0.0000,
0.0000

■ 72.2956, 76.1652,
77.9088

■ 72.2956, 76.1652,
77.9088

■ 67.6583, 71.3873,
62.4983

■ 77.4266, 81.2649,
95.5319

■ 63.4906, 66.9128,
49.2066

■ 81.4429, 86.0371,
106.9221

■ 59.7759, 62.7362,
37.9403

■ 83.4978, 90.1469,
107.6070

■ 56.4939, 58.8479,
28.5973

■ 85.6298, 94.4109,
108.3177

■ 53.6225, 55.2376,
21.0663

■ 86.1235, 95.3982,
108.4822

■ 51.1377, 51.8942,
15.2246

■ 49.0124, 48.8054,
10.9343

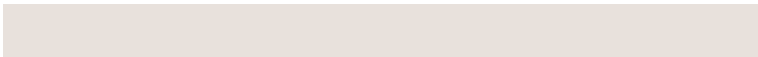
■ 47.2152, 45.9571,
8.0352

■ 45.7082, 43.3325,
6.3323

Harmonies

Analogous

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



73.2067, 76.1652, 78.4354



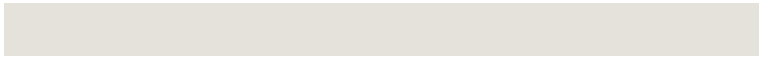
72.2956, 76.1652, 77.9088



71.4179, 76.1652, 78.7039

Triad

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



72.2956, 76.1652, 77.9088



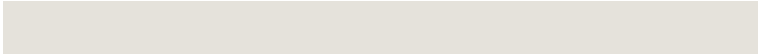
70.9013, 76.1652, 85.7673



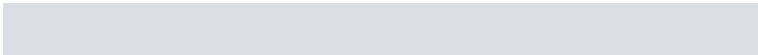
74.0035, 76.1652, 85.2752

Complementary

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



72.2956, 76.1652, 77.9088



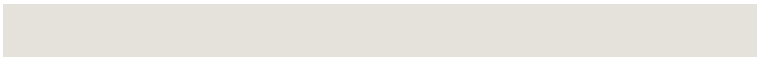
69.4774, 72.9586, 84.5501

Split Complementary

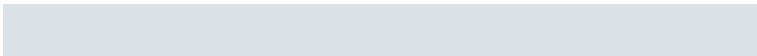
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3764, 76.1652, 87.3068



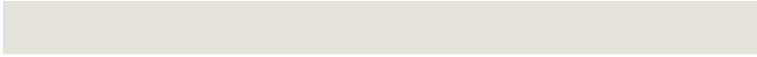
72.2956, 76.1652, 77.9088



71.5848, 76.1652, 87.5951

Square

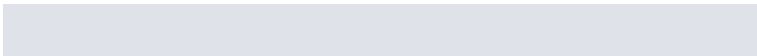
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



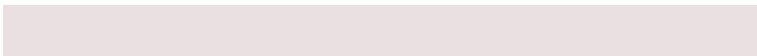
72.2956, 76.1652, 77.9088



70.6172, 76.1652, 83.2096



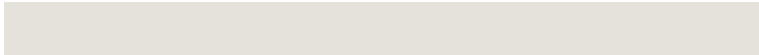
72.4900, 76.1652, 88.1644



74.1978, 76.1652, 82.6529

Rectangle

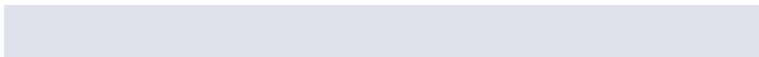
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2956, 76.1652, 77.9088



70.9683, 76.1652, 79.8866



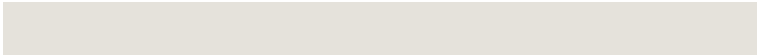
72.4900, 76.1652, 88.1644



73.8361, 76.1652, 86.0517

Sweetspot

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



72.2977, 76.1685, 77.9104



94.3989, 99.3504, 106.6710



70.8304, 72.5961, 79.3876



20.2121, 21.2719, 22.8555



0.0000, 0.0000, 0.0000



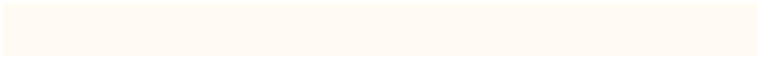
20.3446, 21.4041, 23.3091

Same Dimension

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



72.2977, 76.1685, 77.9104



91.8582, 96.7930, 98.0429



72.4850, 77.4849, 78.1547



15.6073, 16.4484, 16.5020



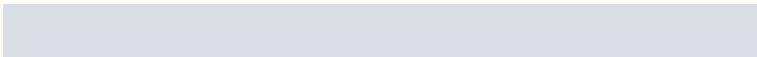
25.8120, 24.1982, 3.3103



1.9877, 1.9488, 0.2714

Inverse Universe

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



69.4774, 72.9586, 84.5501



87.7307, 92.0953, 107.7600



69.2942, 71.6935, 84.3156



14.8162, 15.5480, 18.3645



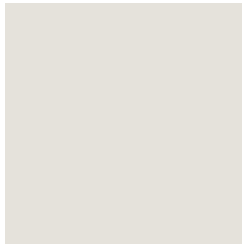
9.3810, 5.8240, 43.0129



0.7723, 0.5886, 3.2049

Previews

White Background



This preview shows how the XYZ color 72.2956, 76.1652, 77.9088 looks on a white background.

Color Contrast Check

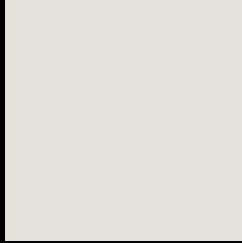
Large Text (above 18pt) WCAG AA × Fail

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 72.2956, 76.1652, 77.9088 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

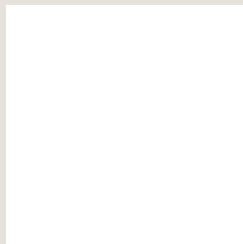
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2956, 76.1652, 77.9088

Background



This preview shows how black text looks on a background with the XYZ color 72.2956, 76.1652, 77.9088.

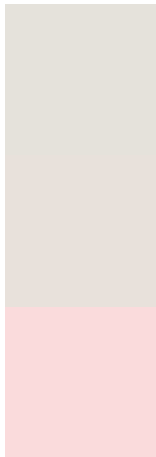


This preview shows how white text looks on a background with the XYZ color 72.2956, 76.1652,

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

72.2956, 76.1652, 77.9088

Protanopia

72.9901, 76.1207, 77.8636

Deuteranopia

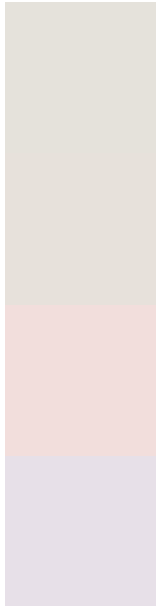
77.6741, 76.1543, 78.3155



Tritanopia

75.3946, 76.2224, 93.1768

Trichromacy



Original Color

72.2956, 76.1652, 77.9088

Protanomaly

72.6664, 75.9538, 77.8485

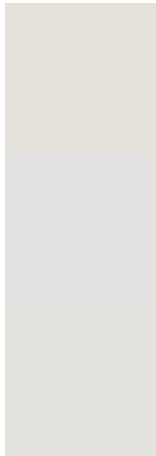
Deuteranomaly

75.6575, 76.2871, 78.4475

Tritanomaly

74.1761, 76.1264, 87.1283

Monochromacy



Original Color

72.2956, 76.1652, 77.9088

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1942, 76.0513, 80.6864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2956, 76.1652, 77.9088 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(229, 226, 219) looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 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(229, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.2956, 76.1652, 77.9088 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(229, 226, 219) }
```


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

```
.border{ border-color:rgb(229, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(229, 226,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2956, 76.1652, 77.9088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 219) }
```

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

```
.background{ background-color: rgb(229,  
226, 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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