

Converting Colors

XYZ(70.1308, 72.1717, 83.7184)

Have a look what the booklet for
XYZ(70.1308, 72.1717, 83.7184)
contains.

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Color

**XYZ(70.0756, 72.1118,
83.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DBE4
RGB	224, 219, 228
RGB Percent	88%, 86%, 89%
CMY	0.1216, 0.1412, 0.1059
CMYK	0.02, 0.04, 0.00, 0.11
HSL	273°, 14%, 88%
HSV	273°, 4%, 89%
XYZ	70.0756, 72.1118, 83.6244
YIQ	221.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

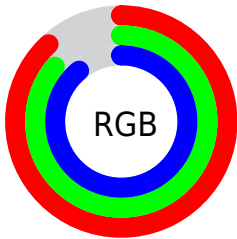
Format	Color
R _Y B	224, 219, 228
Decimal	14736356
CIE Lab	88.02, 3.32, -3.81
CIE LCh	88, 5.054, 311.122
Yxy	72.1118, 0.3103, 0.3193
Android (android.graphics.Color)	4292926436 (0xFFE0DBE4)
YUV	221.5210, 3.1941, 2.1741
Hunter-Lab	84.9187, -1.3080, 1.0567

Details

The XYZ color **70.0756, 72.1118, 83.6244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9638, 76.2912, 78.0070**, and the grayscale version is **69.0735, 72.6706, 79.1383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1805, 38.0031, 44.9109** is the 20% darker color. If you saturate the color by 10%, you get **61.4819, 59.4497, 81.6344**, and if you desaturate by 10%, it is **79.6755, 86.5060, 85.8979**.

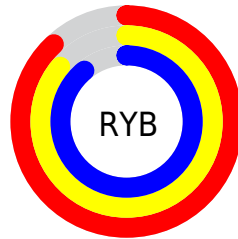
Distribution



Red (88%)

Green (86%)

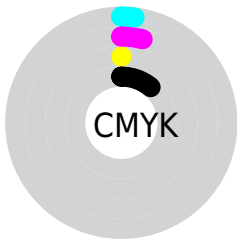
Blue (89%)



Red (88%)

Yellow (86%)

Blue (89%)

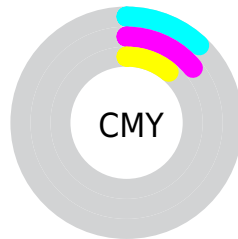


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0756, 72.1118, 83.6244 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 70.0756, 72.1118, 83.6244 by changing the saturation by 10% instead.

■ 70.0756, 72.1118,
83.6244

■ 70.0756, 72.1118,
83.6244

450.0777,
467.9306, 527.0905

■ 51.8680, 53.2500,
62.1618

118.3422,
122.2155, 140.3067

■ 37.1237, 38.0024,
44.7268

149.1320,
154.2261, 176.3634

■ 25.4774, 25.9845,
30.9009

184.8465,
191.3885, 218.1220

■ 16.5637, 16.8121,
20.2656

225.8511,
234.0871, 266.0009

■ 10.0173, 10.1006,
12.4023

272.5111,
282.7062, 320.4186

■ 5.4728, 5.4657,
6.8924

325.1920,

■ 2.5648, 2.5230,

337.6302, 381.7938

3.3175

384.2591,
399.2436, 450.5449

■ 0.9281, 0.8881,
1.2589

■ 0.0000, 0.0000,
0.0278

■ 70.0756, 72.1118,
83.6244

■ 70.0756, 72.1118,
83.6244

■ 61.4819, 59.4497,
81.6344

■ 79.6755, 86.5060,
85.8979

■ 53.8521, 48.4430,
79.9120

■ 87.1681, 96.4042,
87.4135

■ 47.1497, 39.0228,
78.4470

■ 90.7887, 98.2706,
87.5829

■ 41.3335, 31.1117,
77.2265

■ 91.0038, 98.3815,
87.5930

■ 36.3589, 24.6256,
76.2368

■ 32.1769, 19.4721,
75.4625

■ 28.7328, 15.5472,
74.8864

■ 25.9637, 12.7310,
74.4888

■ 23.7938, 10.8777,
74.2454

Harmonies

Analogous

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



68.9881, 72.1118, 85.2119



70.0756, 72.1118, 83.6244



70.7565, 72.1118, 80.6847

Triad

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



70.0756, 72.1118, 83.6244



69.2927, 72.1118, 72.4031



66.2911, 72.1118, 79.8047

Complementary

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



70.0756, 72.1118, 83.6244



70.9638, 76.2912, 78.0070

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.



66.3705, 72.1118, 76.3894



70.0756, 72.1118, 83.6244



68.0940, 72.1118, 72.1832

Square

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



70.0756, 72.1118, 83.6244



70.3008, 72.1118, 74.2328



67.0272, 72.1118, 73.6229



66.8090, 72.1118, 82.9640

Rectangle

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



70.0756, 72.1118, 83.6244



70.8834, 72.1118, 78.3876



67.0272, 72.1118, 73.6229



66.2490, 72.1118, 78.6475

Sweetspot

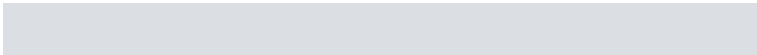
The Sweet Spot groups the original color and five complimentary colors.



70.0777, 72.1149, 83.6260



93.8260, 98.1694, 108.6112



69.6208, 73.4664, 83.9109



20.0955, 21.0316, 23.2503



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.



70.0777, 72.1149, 83.6260



89.0616, 91.0738, 107.4927



71.2697, 72.7366, 83.3562



15.0710, 15.3531, 18.3134



13.2464, 5.8947, 42.8228



1.0853, 0.4905, 3.1694

Inverse Universe

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



70.6483, 72.4881, 80.0838



89.9973, 91.6855, 101.6948



69.8051, 75.6870, 78.2624



15.2509, 15.4707, 17.2000



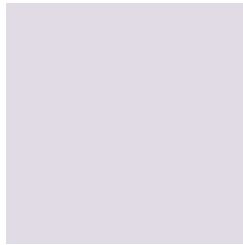
19.8997, 10.0941, 8.3667



1.5167, 0.7644, 0.8613

Previews

White Background



This preview shows how the XYZ color 70.0756, 72.1118, 83.6244 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 70.0756, 72.1118, 83.6244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

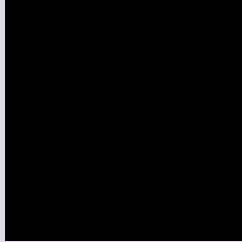
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

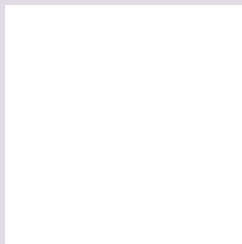
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.0756, 72.1118, 83.6244

Background



This preview shows how black text looks on a background with the XYZ color 70.0756, 72.1118, 83.6244.

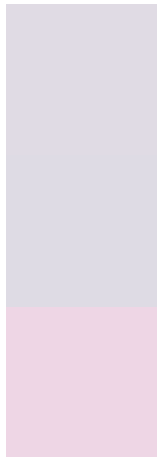


This preview shows how white text looks on a background with the XYZ color 70.0756, 72.1118,

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

70.0756, 72.1118, 83.6244

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

73.4493, 71.9274, 84.1409



Tritanopia

71.1181, 72.1485, 88.7750

Trichromacy



Original Color

70.0756, 72.1118, 83.6244

Protanomaly

69.7665, 71.9524, 83.6099

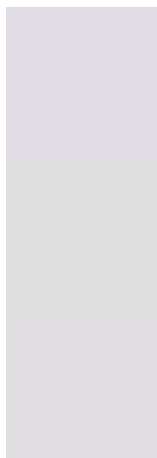
Deuteranomaly

72.3030, 72.0925, 84.2332

Tritanomaly

70.6882, 71.9766, 86.5111

Monochromacy



Original Color

70.0756, 72.1118, 83.6244

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.7424, 72.7827, 80.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0756, 72.1118, 83.6244 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(224, 219, 228) looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 228)  
}
```

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(224, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 228) }
```

Border

The CSS property to change the border of an element to XYZ 70.0756, 72.1118, 83.6244 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(224, 219, 228) }
```


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

```
.border{ border-color:rgb(224, 219, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 219, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 219, 228); box-shadow:4px 4px 4px 4px rgb(224, 219, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0756, 72.1118, 83.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 219, 228) }
```

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

```
.background{ background-color: rgb(224,  
219, 228) }
```

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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