

Converting Colors

XYZ(70.2310, 72.5171, 83.4807)

Have a look what the booklet for
XYZ(70.2310, 72.5171, 83.4807)
contains.

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Color

**XYZ(70.3373, 72.6351,
83.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCE4
RGB	224, 220, 228
RGB Percent	88%, 86%, 89%
CMY	0.1216, 0.1372, 0.1059
CMYK	0.02, 0.04, 0.00, 0.11
HSL	270°, 13%, 88%
HSV	270°, 4%, 89%
XYZ	70.3373, 72.6351, 83.7116
YIQ	222.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

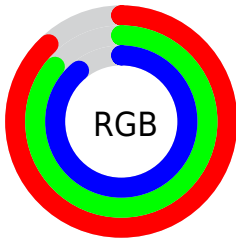
Format	Color
RYB	224, 220, 228
Decimal	14736612
CIELab	88.27, 2.80, -3.44
CIElCh	88, 4.436, 309.194
Yxy	72.6351, 0.3103, 0.3204
Android (android.graphics.Color)	4292926692 (0xFFE0DCE4)
YUV	222.1080, 2.9048, 1.6593
Hunter-Lab	85.2262, -1.8297, 1.4221

Details

The XYZ color **70.3373, 72.6351, 83.7116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4048, 76.5033, 78.7169**, and the grayscale version is **69.4894, 73.1083, 79.6149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3601, 38.3624, 44.9708** is the 20% darker color. If you saturate the color by 10%, you get **61.3405, 59.7132, 81.6927**, and if you desaturate by 10%, it is **80.3914, 87.3176, 86.0168**.

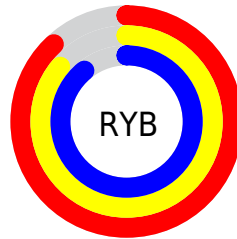
Distribution



Red (88%)

Green (86%)

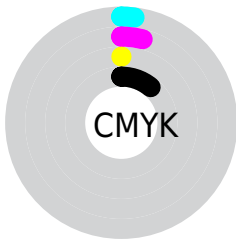
Blue (89%)



Red (88%)

Yellow (86%)

Blue (89%)

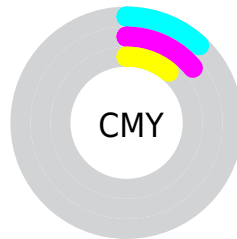


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3373, 72.6351, 83.7116 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 70.3373, 72.6351, 83.7116 by changing the saturation by 10% instead.

■ 70.3373, 72.6351,
83.7116

■ 70.3373, 72.6351,
83.7116

450.9814,
469.7491, 527.3880

■ 52.0822, 53.6776,
62.2333

118.7133,
122.9590, 140.4298

■ 37.2951, 38.3440,
44.7843

149.5648,
155.0943, 176.5068

■ 25.6108, 26.2498,
30.9458

185.3459,
192.3910, 218.2872

■ 16.6638, 17.0106,
20.2995

226.4219,
235.2335, 266.1895

■ 10.0889, 10.2421,
12.4267

273.1580,
284.0061, 320.6321

■ 5.5207, 5.5597,
6.9089

325.9198,

■ 2.5937, 2.5793,

339.0934, 382.0337

3.3276

385.0724,
400.8796, 450.8129

■ 0.9428, 0.9163,
1.2643

■ 0.0000, 0.0000,
0.0322

■ 70.3373, 72.6351,
83.7116

■ 70.3373, 72.6351,
83.7116

■ 61.3405, 59.7132,
81.6927

■ 80.3914, 87.3176,
86.0168

■ 53.3575, 48.4746,
79.9442

■ 88.0549, 96.8613,
87.4550

■ 46.3504, 38.8498,
78.4557

■ 91.0038, 98.3815,
87.5930

■ 40.2767, 30.7611,
77.2146

■ 35.0903, 24.1238,
76.2068

■ 30.7409, 18.8449,
75.4171

■ 27.1723, 14.8204,
74.8284

■ 24.3203, 11.9301,
74.4208

■ 22.1078, 10.0288,
74.1704

Harmonies

Analogous

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



69.3646, 72.6351, 85.0081



70.3373, 72.6351, 83.7116



70.9659, 72.6351, 81.1850

Triad

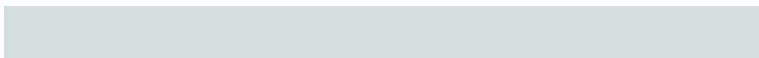
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3373, 72.6351, 83.7116



69.7661, 72.6351, 73.7402



67.0393, 72.6351, 80.0263

Complementary

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



70.3373, 72.6351, 83.7116



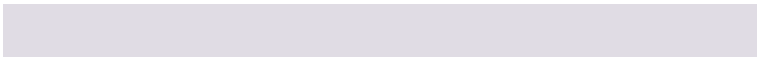
71.4048, 76.5033, 78.7169

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.



67.1443, 72.6351, 77.0260



70.3373, 72.6351, 83.7116



68.7114, 72.6351, 73.4480

Square

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



70.3373, 72.6351, 83.7116



70.6338, 72.6351, 75.4452



67.7538, 72.6351, 74.6365



67.4654, 72.6351, 82.8447

Rectangle

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



70.3373, 72.6351, 83.7116



71.1016, 72.6351, 79.1697



67.7538, 72.6351, 74.6365



67.0137, 72.6351, 79.0049

Sweetspot

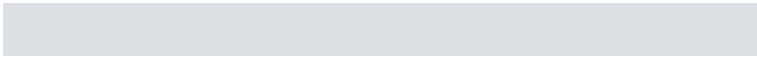
The Sweet Spot groups the original color and five complimentary colors.



70.3394, 72.6382, 83.7132



93.7742, 98.1427, 108.6087



70.2130, 74.2027, 84.0218



20.0850, 21.0262, 23.2498



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.



70.3394, 72.6382, 83.7132



90.0297, 92.7090, 107.7573



71.5515, 73.2631, 83.7699



15.2170, 15.6089, 18.3551



12.2267, 5.3690, 42.7751



1.0106, 0.4520, 3.1659

Inverse Universe

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



71.0452, 73.0654, 80.8830



91.0719, 93.3398, 103.5783



70.2199, 75.8925, 78.6615



15.4255, 15.7351, 17.5191



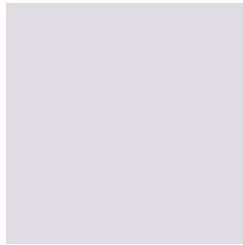
20.2902, 10.2503, 10.4230



1.5463, 0.7762, 1.0171

Previews

White Background



This preview shows how the XYZ color 70.3373, 72.6351, 83.7116 looks on a white background.

Color Contrast Check

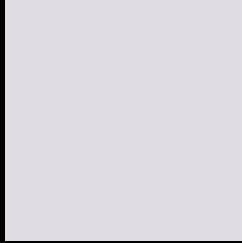
Large Text (above 18pt) WCAG AA × Fail

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 70.3373, 72.6351, 83.7116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

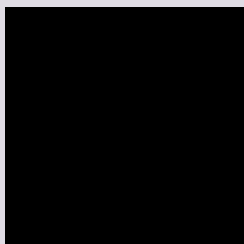
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

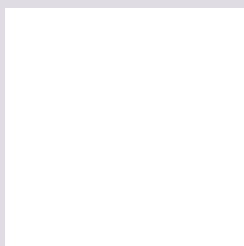
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3373, 72.6351, 83.7116

Background



This preview shows how black text looks on a background with the XYZ color 70.3373, 72.6351, 83.7116.

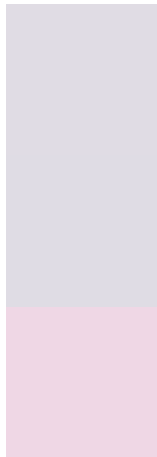


This preview shows how white text looks on a background with the XYZ color 70.3373, 72.6351,

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

70.3373, 72.6351, 83.7116

Protanopia

70.0282, 72.4758, 83.6971

Deuteranopia

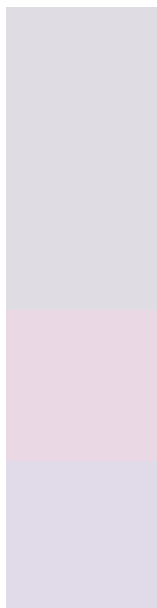
74.0399, 72.6087, 84.2413



Tritanopia

71.5232, 72.7267, 89.6249

Trichromacy



Original Color

70.3373, 72.6351, 83.7116

Protanomaly

70.0282, 72.4758, 83.6971

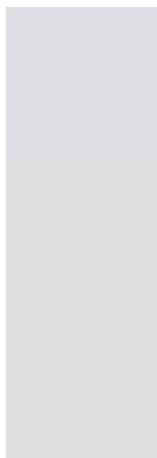
Deuteranomaly

72.8874, 72.7753, 84.3342

Tritanomaly

71.0908, 72.5538, 87.3482

Monochromacy



Original Color

70.3373, 72.6351, 83.7116

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 70.3373, 72.6351, 83.7116 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, 220, 228) looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 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, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 228) }
```

Border

The CSS property to change the border of an element to XYZ 70.3373, 72.6351, 83.7116 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, 220, 228) }
```


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

```
.border{ border-color:rgb(224, 220, 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, 220, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 228);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3373, 72.6351, 83.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 228) }
```

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

```
.background{ background-color: rgb(224,  
220, 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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