

Converting Colors

XYZ(71.5776, 70.7635, 76.6740)

Have a look what the booklet for
XYZ(71.5776, 70.7635, 76.6740)
contains.

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Color

**XYZ(71.5055, 70.7075,
76.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD5DB
RGB	237, 213, 219
RGB Percent	93%, 84%, 86%
CMY	0.0706, 0.1647, 0.1412
CMYK	0.00, 0.10, 0.08, 0.07
HSL	345°, 40%, 88%
HSV	345°, 10%, 93%
XYZ	71.5055, 70.7075, 76.8970
YIQ	220.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

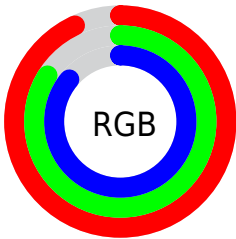
Format	Color
R _Y B	237, 213, 219
Decimal	15586779
CIE Lab	87.34, 9.30, 0.07
CIE LCh	87, 9.305, 0.435
Yxy	70.7075, 0.3263, 0.3227
Android (android.graphics.Color)	4293776859 (0xFFEDD5DB)
YUV	220.8600, -0.9170, 14.1548
Hunter-Lab	84.0878, 4.6371, 4.6416

Details

The XYZ color **71.5055, 70.7075, 76.8970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1513, 80.4859, 87.3378**, and the grayscale version is **68.6309, 72.2050, 78.6313**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9838, 36.9578, 40.2536** is the 20% darker color. If you saturate the color by 10%, you get **63.7578, 58.7591, 63.3775**, and if you desaturate by 10%, it is **80.3784, 84.5044, 92.0266**.

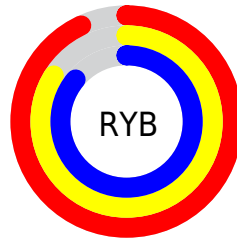
Distribution



Red (93%)

Green (84%)

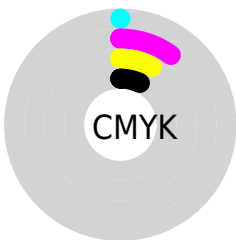
Blue (86%)



Red (93%)

Yellow (84%)

Blue (86%)

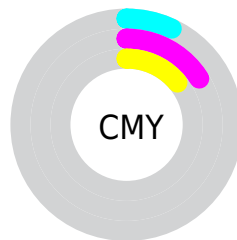


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5055, 70.7075, 76.8970 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 71.5055, 70.7075, 76.8970 by changing the saturation by 10% instead.


 71.5055, 70.7075,
76.8970

 71.5055, 70.7075,
76.8970

455.0030,
463.0303, 503.8411

 53.0388, 52.1035,
56.6573


120.3678,
120.2171, 130.7658

 38.0614, 37.0876,
40.3226


151.4942,
151.8916, 165.2319

 26.2078, 25.2753,
27.4745


187.5712,
188.6917, 205.2772

 17.1126, 16.2823,
17.6943

228.9642,
231.0018, 251.3203

 10.4106, 9.7241,
10.5636

276.0385,
279.2063, 303.7797

 5.7364, 5.2164,
5.6637

329.1595,

 2.7246, 2.3748,

333.6896, 363.0740

2.5763

388.6925,
394.8362, 429.6216

■ 1.0099, 0.8129,
0.8802

■ 0.0000, 0.0000,
0.0000

■ 71.5055, 70.7075,
76.8970

■ 71.5055, 70.7075,
76.8970

■ 63.7578, 58.7591,
63.3775

■ 80.3784, 84.5044,
92.0266

■ 57.0837, 48.5714,
51.4097

■ 88.6643, 96.7163,
108.2298

■ 51.4368, 40.0635,
40.9386

■ 88.7355, 96.7447,
108.6045

■ 46.7646, 33.1446,
31.9038

■ 43.0099, 27.7149,
24.2408

■ 40.1095, 23.6637,
17.8802

■ 37.9915, 20.8643,
12.7455

■ 36.5716, 19.1664,
8.7519

■ 35.7206, 18.3228,
5.8217

Harmonies

Analogous

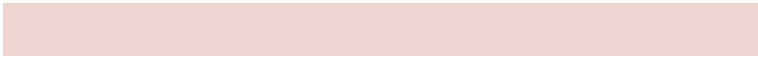
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9356, 70.7075, 83.0947



71.5055, 70.7075, 76.8970



70.9025, 70.7075, 71.0386

Triad

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



71.5055, 70.7075, 76.8970



65.0944, 70.7075, 67.0498



65.1486, 70.7075, 87.9636

Complementary

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



71.5055, 70.7075, 76.8970



72.1513, 80.4859, 87.3378

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.



63.6390, 70.7075, 83.2615



71.5055, 70.7075, 76.8970



63.6082, 70.7075, 71.1889

Square

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



71.5055, 70.7075, 76.8970



67.1734, 70.7075, 65.5458



63.0812, 70.7075, 77.0800



67.2373, 70.7075, 89.6909

Rectangle

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



71.5055, 70.7075, 76.8970



69.9239, 70.7075, 68.0593



63.0812, 70.7075, 77.0800



64.5582, 70.7075, 86.6663

Sweetspot

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



71.5075, 70.7106, 76.8985



91.7476, 94.8517, 103.3091



72.0376, 70.6951, 89.9704



19.4533, 20.0150, 21.7990



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.



71.5075, 70.7106, 76.8985



82.5753, 80.6154, 87.5864



72.2691, 73.4745, 73.3275



15.2198, 15.1158, 16.4430



19.5461, 10.0211, 3.4110



1.5724, 0.8019, 0.4657

Inverse Universe

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



71.5075, 70.7106, 76.8985



82.5753, 80.6154, 87.5864



71.3050, 77.4146, 91.3060



15.2198, 15.1158, 16.4430



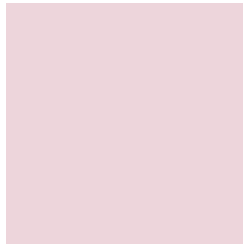
19.5461, 10.0211, 3.4110



1.5724, 0.8019, 0.4657

Previews

White Background



This preview shows how the XYZ color 71.5055, 70.7075, 76.8970 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 71.5055, 70.7075, 76.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

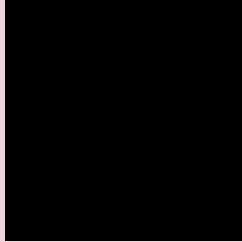
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5055, 70.7075, 76.8970

Background



This preview shows how black text looks on a background with the XYZ color 71.5055, 70.7075, 76.8970.

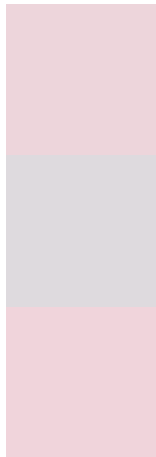


This preview shows how white text looks on a background with the XYZ color 71.5055, 70.7075,

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

71.5055, 70.7075, 76.8970

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

72.2648, 70.7267, 76.8607



Tritanopia

72.8070, 70.8655, 83.2399

Trichromacy



Original Color

71.5055, 70.7075, 76.8970

Protanomaly

69.2856, 70.6631, 78.3942

Deuteranomaly

71.9263, 70.5522, 76.8448

Tritanomaly

72.3940, 70.7004, 81.0651

Monochromacy



Original Color

71.5055, 70.7075, 76.8970

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.6682, 71.6410, 77.8663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5055, 70.7075, 76.8970 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(237, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 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(237, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 71.5055, 70.7075, 76.8970 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(237, 213, 219) }
```


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

```
.border{ border-color:rgb(237, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5055, 70.7075, 76.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 219) }
```

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

```
.background{ background-color: rgb(237,  
213, 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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