

Converting Colors

XYZ(72.9569, 77.2547, 79.2891)

Have a look what the booklet for
XYZ(72.9569, 77.2547, 79.2891)
contains.

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Color

**XYZ(73.1076, 77.3653,
79.4864)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E4DD
RGB	229, 228, 221
RGB Percent	90%, 89%, 87%
CMY	0.1020, 0.1059, 0.1333
CMYK	0.00, 0.00, 0.03, 0.10
HSL	53°, 13%, 88%
HSV	53°, 3%, 90%
XYZ	73.1076, 77.3653, 79.4864
YIQ	227.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

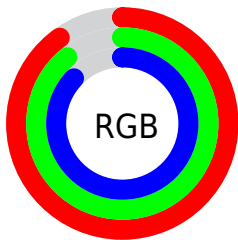
Format	Color
R_{YB}	222, 229, 221
Decimal	15066333
CIE Lab	90.49, -0.89, 3.52
CIE LCh	90, 3.629, 104.158
Yxy	77.3653, 0.3179, 0.3364
Android (android.graphics.Color)	4293256413 (0xFFE5E4DD)
YUV	227.5010, -3.2050, 1.3146
Hunter-Lab	87.9575, -5.5620, 7.9905

Details

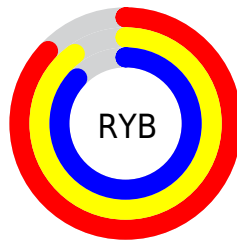
The XYZ color **73.1076, 77.3653, 79.4864** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0828, 73.2706, 84.5784**, and the grayscale version is **73.4015, 77.2241, 84.0970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2821, 41.6390, 42.0431** is the 20% darker color. If you saturate the color by 10%, you get **69.4856, 74.6749, 64.2389**, and if you desaturate by 10%, it is **77.1631, 80.2548, 96.9335**.

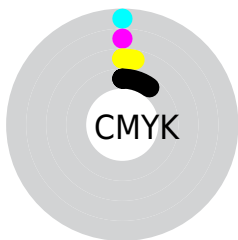
Distribution



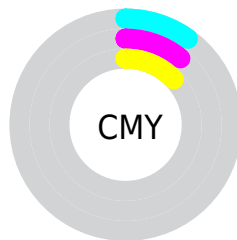
- Red (90%)
- Green (89%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1076, 77.3653, 79.4864 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 73.1076, 77.3653, 79.4864 by changing the saturation by 10% instead.

■ 73.1076, 77.3653,
79.4864

■ 73.1076, 77.3653,
79.4864

460.4857,
486.0086, 512.8613

■ 54.3526, 57.5527,
58.7721

122.6323,
129.6550, 134.4483

■ 39.1155, 41.4492,
42.0109

154.1327,
162.9010, 169.5329

■ 27.0307, 28.6702,
28.7842

190.6123,
201.3935, 210.2448

■ 17.7330, 18.8315,
18.6735

232.4364,
245.5170, 257.0024

■ 10.8570, 11.5486,
11.2601

279.9705,
295.6558, 310.2244

■ 6.0373, 6.4371,
6.1257

333.5798,

■ 2.9087, 3.1126,

352.1945, 370.3291

2.8517

393.6298,
415.5173, 437.7353

■ 1.1056, 1.1908,
1.0194

■ 0.0298, 0.0542,
0.0000

■ 73.1076, 77.3653,
79.4864

■ 73.1076, 77.3653,
79.4864

■ 69.4856, 74.6749,
64.2389

■ 77.1631, 80.2548,
96.9335

■ 66.2738, 72.1666,
51.0978

■ 79.7024, 82.5560,
106.3419

■ 63.4565, 69.8367,
39.9706

■ 80.5189, 84.1890,
106.6141

■ 61.0143, 67.6771,
30.7562

■ 81.3485, 85.8483,
106.8906

■ 58.9263, 65.6796,
23.3444

■ 82.1913, 87.5338,
107.1715

■ 57.1694, 63.8346,
17.6140

■ 83.0473, 89.2458,
107.4569

■ 55.7177, 62.1318,
13.4288

■ 83.9166, 90.9844,
107.7466

■ 54.5412, 60.5591,
10.6314

■ 84.7992, 92.7497,
108.0408

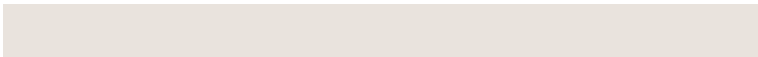
■ 53.6037, 59.1018,
9.0308

■ 85.6952, 94.5417,
108.3395

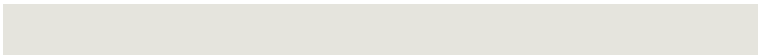
Harmonies

Analogous

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



74.0106, 77.3653, 79.5230



73.1076, 77.3653, 79.4864



72.3250, 77.3653, 80.7046

Triad

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



73.1076, 77.3653, 79.4864



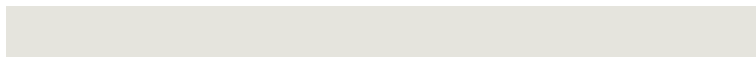
72.2892, 77.3653, 87.7657



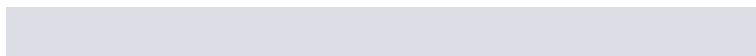
75.2241, 77.3653, 85.6087

Complementary

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



73.1076, 77.3653, 79.4864



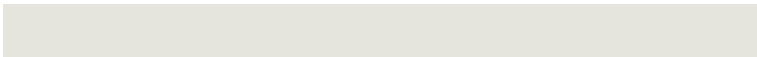
70.0828, 73.2706, 84.5784

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.



74.7552, 77.3653, 87.8724



73.1076, 77.3653, 79.4864



73.0583, 77.3653, 89.1351

Square

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



73.1076, 77.3653, 79.4864



71.8551, 77.3653, 85.4654



73.9608, 77.3653, 89.1746



75.2376, 77.3653, 83.0217

Rectangle

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



73.1076, 77.3653, 79.4864



71.9748, 77.3653, 82.0790



73.9608, 77.3653, 89.1746



75.1144, 77.3653, 86.4339

Sweetspot

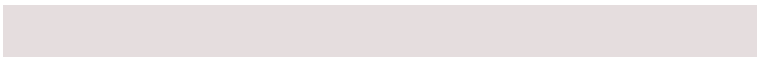
The Sweet Spot groups the original color and five complimentary colors.



73.1098, 77.3686, 79.4881



94.5410, 99.6345, 106.7183



71.3643, 73.6495, 79.6097



20.2410, 21.3298, 22.8651



0.0000, 0.0000, 0.0000



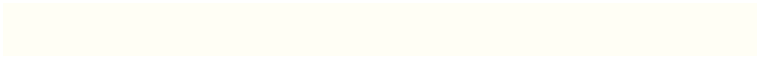
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1098, 77.3686, 79.4881



93.0473, 98.5532, 100.3448



72.4563, 77.4395, 79.5362



15.8198, 16.7751, 16.8756



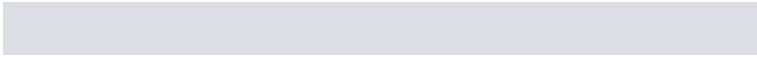
30.4118, 33.3977, 4.8435



2.2905, 2.5543, 0.3723

Inverse Universe

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



70.0828, 73.2706, 84.5784



88.6133, 92.5502, 107.8013



70.7201, 73.2078, 84.5327



14.9348, 15.5770, 18.3638



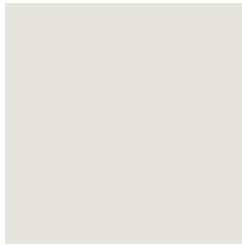
8.3772, 3.8165, 42.6783



0.6664, 0.3768, 3.1696

Previews

White Background



This preview shows how the XYZ color 73.1076, 77.3653, 79.4864 looks on a white background.

Color Contrast Check

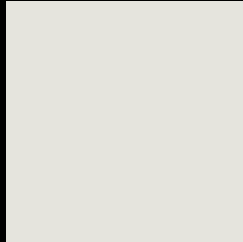
Large Text (above 18pt) WCAG AA × Fail

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 73.1076, 77.3653, 79.4864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

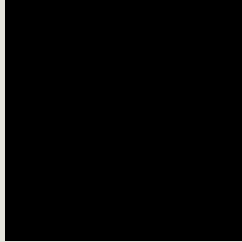
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

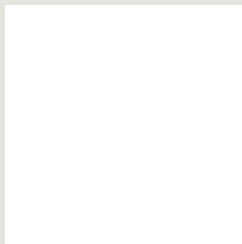
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1076, 77.3653, 79.4864

Background



This preview shows how black text looks on a background with the XYZ color 73.1076, 77.3653, 79.4864.

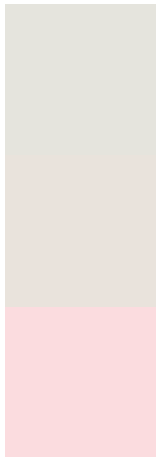


This preview shows how white text looks on a background with the XYZ color 73.1076, 77.3653,

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

73.1076, 77.3653, 79.4864

Protanopia

73.9916, 77.4291, 78.7557

Deuteranopia

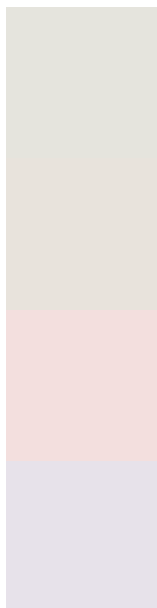
78.6961, 77.0233, 80.5313



Tritanopia

76.2309, 77.4170, 94.9296

Trichromacy



Original Color

73.1076, 77.3653, 79.4864

Protanomaly

73.6661, 77.2613, 78.7404

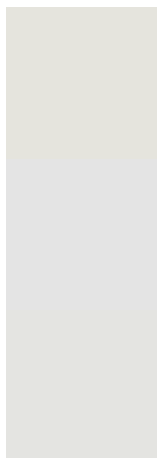
Deuteranomaly

76.5346, 77.1040, 79.9560

Tritanomaly

75.0026, 77.3221, 88.8135

Monochromacy



Original Color

73.1076, 77.3653, 79.4864

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3289, 77.4170, 82.3123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1076, 77.3653, 79.4864 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, 228, 221) looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 221)  
}
```

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, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.1076, 77.3653, 79.4864 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, 228, 221) }
```


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

```
.border{ border-color:rgb(229, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 228,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1076, 77.3653, 79.4864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 221) }
```

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

```
.background{ background-color: rgb(229,  
228, 221) }
```

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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