

Converting Colors

XYZ(72.5363, 74.0068, 73.6365)

Have a look what the booklet for
XYZ(72.5363, 74.0068, 73.6365)
contains.

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Color

**XYZ(72.5285, 73.9950,
73.4106)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDDCD5 |
| RGB | 237, 220, 213 |
| RGB Percent | 93%, 86%, 84% |
| CMY | 0.0706, 0.1372, 0.1647 |
| CMYK | 0.00, 0.07, 0.10, 0.07 |
| HSL | 18°, 40%, 88% |
| HSV | 18°, 10%, 93% |
| XYZ | 72.5285, 73.9950, 73.4106 |
| YIQ | 224.2850, 12.3790, 1.4270 |

Conversions

Conversions Part 2

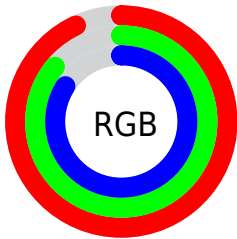
| Format | Color |
|-------------------------------------|--|
| RYB | 237, 223, 213 |
| Decimal | 15588565 |
| CIELab | 88.92, 4.66, 5.52 |
| CIELCh | 89, 7.229, 49.824 |
| Yxy | 73.9950, 0.3298, 0.3364 |
| Android (android.graphics.Color) | 4293778645 (0xFFEDDCD5) |
| YUV | 224.2850, -5.5635, 11.1511 |
| Hunter-Lab | 86.0203, -0.0324, 9.6156 |

Details

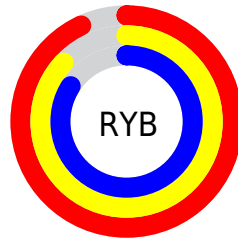
The XYZ color **72.5285, 73.9950, 73.4106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0233, 76.8529, 91.2124**, and the grayscale version is **71.0894, 74.7916, 81.4480**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6827, 39.2026, 37.8758** is the 20% darker color. If you saturate the color by 10%, you get **65.5520, 64.5089, 57.3124**, and if you desaturate by 10%, it is **80.3911, 84.5480, 91.9748**.

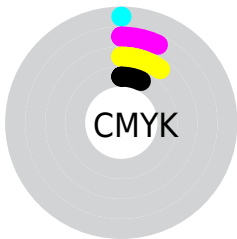
Distribution



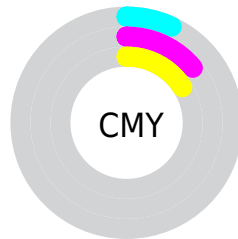
- Red (93%)
- Green (86%)
- Blue (84%)



- Red (93%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5285, 73.9950, 73.4106 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 72.5285, 73.9950, 73.4106 by changing the saturation by 10% instead.


 72.5285, 73.9950,
73.4106

 72.5285, 73.9950,
73.4106


458.5082,
474.4561, 491.5455

 53.8775, 54.7899,
53.8179


121.8144,
124.8887, 125.7863

 38.7340, 39.2336,
38.0639


153.1800,
157.3462, 159.4063

 26.7327, 26.9415,
25.7301


189.5145,
194.9899, 198.5392

 17.5081, 17.5293,
16.3979

231.1832,
238.2043, 243.6035

 10.6950, 10.6126,
9.6487

278.5516,
287.3737, 295.0177

 5.9279, 5.8070,
5.0641

331.9850,

 2.8415, 2.7281,

342.8825, 353.2005

2.2255

391.8488,
405.1152, 418.5702

■ 1.0705, 0.9915,
0.6891

■ 0.0002, 0.0000,
0.0000

■ 72.5285, 73.9950,
73.4106

■ 72.5285, 73.9950,
73.4106

■ 65.5520, 64.5089,
57.3124

■ 80.3911, 84.5480,
91.9748

■ 59.4233, 56.0463,
43.5710

■ 88.2817, 95.8373,
108.4533

■ 54.1107, 48.5751,
32.0763

■ 88.7354, 96.7447,
108.6045

■ 49.5777, 42.0581,
22.7073

■ 45.7850, 36.4551,
15.3314

■ 42.6896, 31.7235,
9.8011

■ 40.2433, 27.8164,
5.9480

■ 38.3910, 24.6820,
3.5725

■ 37.0638, 22.2815,
2.3473

Harmonies

Analogous

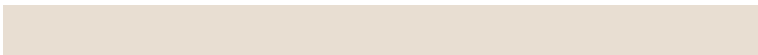
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5509, 73.9950, 77.3364



72.5285, 73.9950, 73.4106



70.9276, 73.9950, 71.4295

Triad

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



72.5285, 73.9950, 73.4106



67.0622, 73.9950, 78.8733



71.4800, 73.9950, 90.0010

Complementary

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



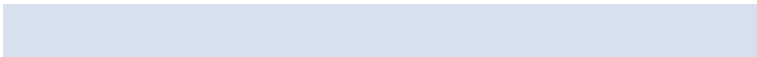
72.5285, 73.9950, 73.4106



71.0233, 76.8529, 91.2124

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.



69.7358, 73.9950, 90.4544



72.5285, 73.9950, 73.4106



67.2046, 73.9950, 83.8883

Square

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



72.5285, 73.9950, 73.4106



67.7843, 73.9950, 74.4955



68.1764, 73.9950, 88.1761



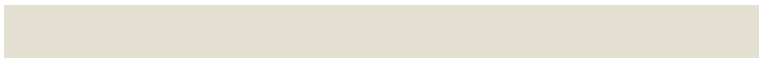
72.9387, 73.9950, 86.9618

Rectangle

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



72.5285, 73.9950, 73.4106



69.7561, 73.9950, 71.4200



68.1764, 73.9950, 88.1761



70.9070, 73.9950, 90.4656

Sweetspot

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



72.5305, 73.9983, 73.4122



92.1386, 96.1091, 101.9738



73.0313, 71.3185, 84.9279



19.5584, 20.3529, 21.4402



0.0000, 0.0000, 0.0000



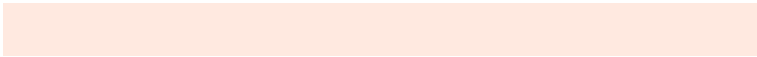
20.3446, 21.4041, 23.3091

Same Dimension

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



72.5305, 73.9983, 73.4122



83.9814, 85.1286, 82.8109



75.7366, 80.4103, 74.4808



15.4236, 15.7703, 15.7498



20.3335, 12.3612, 1.3143



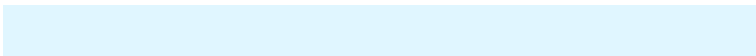
1.6771, 1.1315, 0.1300

Inverse Universe

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



71.0233, 76.8529, 91.2124



81.8916, 89.0852, 107.4868



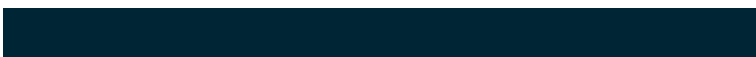
67.8510, 70.5082, 90.1549



15.1249, 16.3361, 19.2783



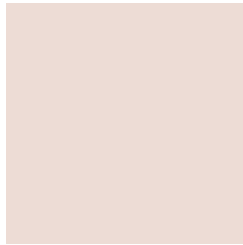
16.0925, 18.8320, 46.5297



1.3460, 1.6434, 3.6811

Previews

White Background



This preview shows how the XYZ color 72.5285, 73.9950, 73.4106 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 72.5285, 73.9950, 73.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

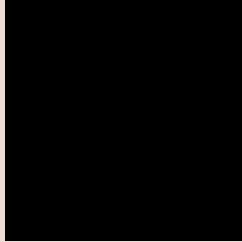
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

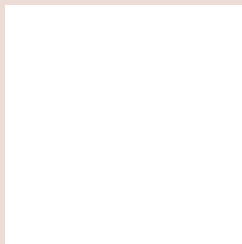
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5285, 73.9950, 73.4106

Background



This preview shows how black text looks on a background with the XYZ color 72.5285, 73.9950, 73.4106.



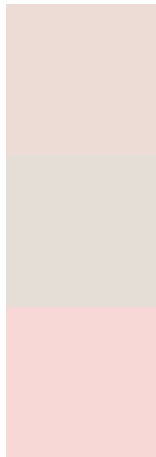
This preview shows how white text looks on a background with the XYZ color 72.5285, 73.9950,

73.4106.

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

72.5285, 73.9950, 73.4106

Protanopia

70.5720, 73.7556, 74.1350

Deuteranopia

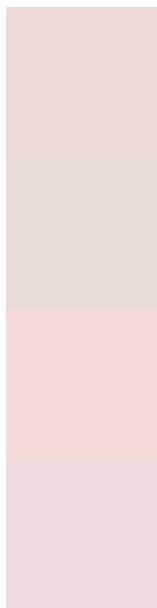
75.4049, 73.9232, 73.9127



Tritanopia

75.5993, 74.0915, 88.1585

Trichromacy



Original Color

72.5285, 73.9950, 73.4106

Protanomaly

71.2728, 73.7237, 74.0920

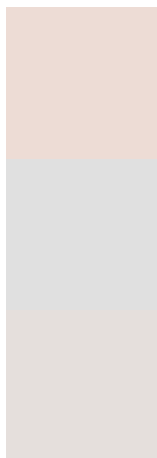
Deuteranomaly

74.2587, 73.7138, 73.9327

Tritanomaly

74.3955, 73.9845, 82.3109

Monochromacy



Original Color

72.5285, 73.9950, 73.4106

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6190, 74.6007, 78.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5285, 73.9950, 73.4106 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, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(237, 220, 213)  
}
```

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, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 220, 213) }
```

Border

The CSS property to change the border of an element to XYZ 72.5285, 73.9950, 73.4106 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, 220, 213) }
```


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

```
.border{ border-color:rgb(237, 220, 213) }
```

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

Here you see how a box with a 4 pixel rgb(237, 220, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 220,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5285, 73.9950, 73.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 220, 213) }
```

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

```
.background{ background-color: rgb(237,  
220, 213) }
```

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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