

Converting Colors

XYZ(72.3541, 73.5548, 81.5584)

Have a look what the booklet for
XYZ(72.3541, 73.5548, 81.5584)
contains.

XYZ(72.4625, 73.7784, 81.6556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.4625, 73.7784,
81.6556)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DCE1
RGB	232, 220, 225
RGB Percent	91%, 86%, 88%
CMY	0.0902, 0.1372, 0.1176
CMYK	0.00, 0.05, 0.03, 0.09
HSL	335°, 21%, 89%
HSV	335°, 5%, 91%
XYZ	72.4625, 73.7784, 81.6556
YIQ	224.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

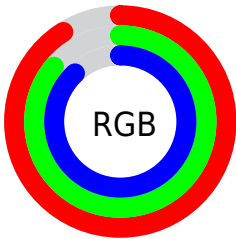
Format	Color
RYP	232, 220, 225
Decimal	15260897
CIELab	88.82, 4.97, -0.99
CIElCh	89, 5.064, 348.761
Yxy	73.7784, 0.3180, 0.3237
Android (android.graphics.Color)	4293450977 (0xFFE8DCE1)
YUV	224.1580, 0.4151, 6.8774
Hunter-Lab	85.8944, 0.2717, 3.7619

Details

The XYZ color **72.4625, 73.7784, 81.6556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2397, 78.4769, 84.0170**, and the grayscale version is **70.9606, 74.6560, 81.3004**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6153, 39.0427, 43.5309** is the 20% darker color. If you saturate the color by 10%, you get **65.0173, 61.7266, 70.4209**, and if you desaturate by 10%, it is **80.9033, 87.5851, 93.9465**.

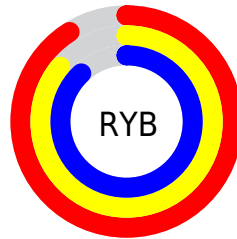
Distribution



Red (91%)

Green (86%)

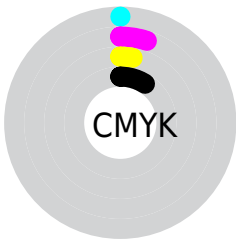
Blue (88%)



Red (91%)

Yellow (86%)

Blue (88%)

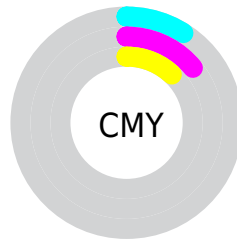


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4625, 73.7784, 81.6556 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 72.4625, 73.7784, 81.6556 by changing the saturation by 10% instead.

72.4625, 73.7784,
81.6556

72.4625, 73.7784,
81.6556

458.2825,
473.7082, 520.3481

53.8234, 54.6127,
60.5475

121.7211,
124.5816, 137.5233

38.6906, 39.0917,
43.4319

153.0713,
156.9879, 173.1200

26.6987, 26.8311,
29.8903

189.3892,
194.5765, 214.3833

17.4825, 17.4464,
19.5040

231.0403,
237.7319, 261.7318

10.6765, 10.5533,
11.8545

278.3898,
286.8383, 315.5839

5.9155, 5.7673,
6.5233

331.8031,

2.8339, 2.7041,

342.2802, 376.3584

3.0920

391.6455,
404.4421, 444.4736

■ 1.0665, 0.9793,
1.1418

■ 0.0000, 0.0000,
0.0000

■ 72.4625, 73.7784,
81.6556

■ 72.4625, 73.7784,
81.6556

■ 65.0173, 61.7266,
70.4209

■ 80.9033, 87.5851,
93.9465

■ 58.5235, 51.3496,
60.2082

■ 86.6221, 95.7092,
106.0678

■ 52.9427, 42.5752,
50.9884

■ 87.0892, 95.8960,
108.5274

■ 48.2314, 35.3223,
42.7291

■ 44.3425, 29.5026,
35.3958

■ 41.2239, 25.0186,
28.9517

■ 38.8175, 21.7605,
23.3568

■ 37.0560, 19.6006,
18.5672

■ 35.8575, 18.3826,
14.5328

Harmonies

Analogous

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



71.9123, 73.7784, 84.8667



72.4625, 73.7784, 81.6556



72.3807, 73.7784, 78.1797

Triad

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



72.4625, 73.7784, 81.6556



69.3685, 73.7784, 74.1058



68.5812, 73.7784, 85.5181

Complementary

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



72.4625, 73.7784, 81.6556



72.2397, 78.4769, 84.0170

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.



67.9150, 73.7784, 82.5237



72.4625, 73.7784, 81.6556



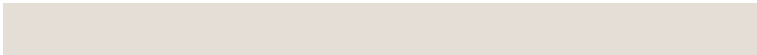
68.3659, 73.7784, 75.9621

Square

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



72.4625, 73.7784, 81.6556



70.5848, 73.7784, 73.8888



67.8367, 73.7784, 79.0230



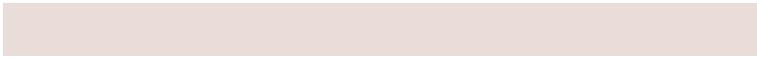
69.6656, 73.7784, 87.1396

Rectangle

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



72.4625, 73.7784, 81.6556



71.9790, 73.7784, 76.1779



67.8367, 73.7784, 79.0230



68.3015, 73.7784, 84.6348

Sweetspot

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



72.4646, 73.7816, 81.6572



92.9690, 96.5989, 105.8609



71.8398, 73.3469, 86.7160



19.9210, 20.7118, 22.6905



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.



72.4646, 73.7816, 81.6572



88.9575, 90.0619, 99.9420



72.0559, 74.0392, 78.2071



15.0836, 15.2116, 16.9110



19.7226, 10.0233, 7.4342



1.5028, 0.7588, 0.7885

Inverse Universe

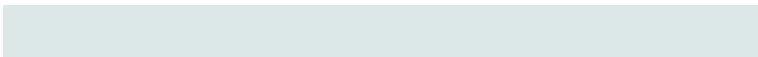
The Inverse Universe completely reimagines the original color for something new.



72.4646, 73.7816, 81.6572



88.9575, 90.0619, 99.9420



72.6589, 78.1956, 87.6087



15.0836, 15.2116, 16.9110



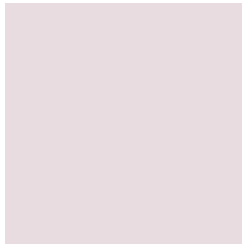
19.7226, 10.0233, 7.4342



1.5028, 0.7588, 0.7885

Previews

White Background



This preview shows how the XYZ color 72.4625, 73.7784, 81.6556 looks on a white background.

Color Contrast Check

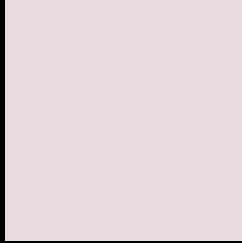
Large Text (above 18pt) WCAG AA × Fail

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 72.4625, 73.7784, 81.6556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

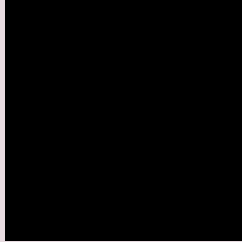
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

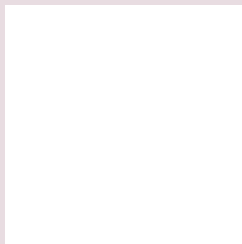
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4625, 73.7784, 81.6556

Background



This preview shows how black text looks on a background with the XYZ color 72.4625, 73.7784, 81.6556.



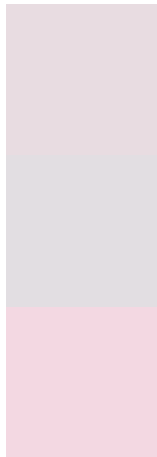
This preview shows how white text looks on a background with the XYZ color 72.4625, 73.7784,

81.6556.

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

72.4625, 73.7784, 81.6556

Protanopia

71.2128, 73.9023, 82.4628

Deuteranopia

75.2455, 73.6574, 82.2029



Tritanopia

74.1434, 73.6914, 89.6730

Trichromacy



Original Color

72.4625, 73.7784, 81.6556

Protanomaly

71.5788, 73.6979, 82.4040

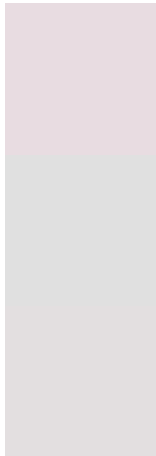
Deuteranomaly

74.1369, 73.4674, 82.2247

Tritanomaly

73.5013, 73.8129, 86.7173

Monochromacy



Original Color

72.4625, 73.7784, 81.6556

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5208, 74.4881, 81.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4625, 73.7784, 81.6556 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(232, 220, 225) looks like.

```
.text, #text, p{  
    color:rgb(232, 220, 225)  
}
```

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(232, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 220, 225) }
```

Border

The CSS property to change the border of an element to XYZ 72.4625, 73.7784, 81.6556 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(232, 220, 225) }
```


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

```
.border{ border-color:rgb(232, 220, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 220, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 220, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 220, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 220,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4625, 73.7784, 81.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 220, 225) }
```

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

```
.background{ background-color: rgb(232,  
220, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor