

Converting Colors

XYZ(72.6692, 73.4885, 79.0051)

Have a look what the booklet for
XYZ(72.6692, 73.4885, 79.0051)
contains.

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Color

**XYZ(72.6436, 73.5457,
78.7736)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDBDD
RGB	235, 219, 221
RGB Percent	92%, 86%, 87%
CMY	0.0784, 0.1412, 0.1333
CMYK	0.00, 0.07, 0.06, 0.08
HSL	353°, 29%, 89%
HSV	353°, 7%, 92%
XYZ	72.6436, 73.5457, 78.7736
YIQ	224.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

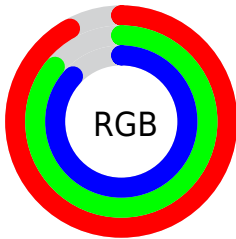
Format	Color
R _Y B	235, 219, 221
Decimal	15457245
CIE Lab	88.71, 5.82, 0.99
CIE LCh	89, 5.906, 9.613
Yxy	73.5457, 0.3229, 0.3269
Android (android.graphics.Color)	4293647325 (0xFFEBDBDD)
YUV	224.0120, -1.4849, 9.6365
Hunter-Lab	85.7588, 1.1239, 5.5704

Details

The XYZ color **72.6436, 73.5457, 78.7736** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6325, 80.3618, 88.7253**, and the grayscale version is **70.8677, 74.5584, 81.1941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7488, 38.8878, 41.5402** is the 20% darker color. If you saturate the color by 10%, you get **64.3660, 61.1100, 63.3126**, and if you desaturate by 10%, it is **82.1266, 87.8531, 96.2946**.

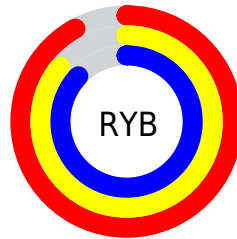
Distribution



Red (92%)

Green (86%)

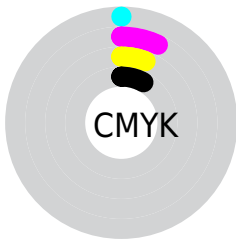
Blue (87%)



Red (92%)

Yellow (86%)

Blue (87%)

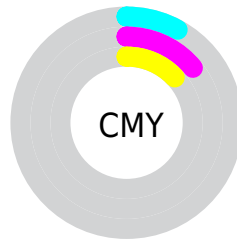


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (8%)



Cyan (8%)


Magenta (14%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6436, 73.5457, 78.7736 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 72.6436, 73.5457, 78.7736 by changing the saturation by 10% instead.


 72.6436, 73.5457,
78.7736

 72.6436, 73.5457,
78.7736


458.9016,
472.9039, 510.3875

 53.9719, 54.4223,
58.1895

121.9770,
124.2516, 133.4359

 38.8098, 38.9394,
41.5453


153.3694,
156.6029, 168.3511

 26.7919, 26.7126,
28.4225


189.7328,
194.1322, 208.8804

 17.5527, 17.3575,
18.4026

231.4325,
237.2240, 255.4423

 10.7271, 10.4897,
11.0670

278.8339,
286.2627, 308.4555

 5.9496, 5.7248,
5.9972

332.3023,

 2.8548, 2.6785,

341.6327, 368.3384

2.7746

392.2031,
403.7183, 435.5095

■ 1.0775, 0.9663,
0.9807

■ 0.0061, 0.0000,
0.0000

■ 72.6436, 73.5457,
78.7736

■ 72.6436, 73.5457,
78.7736

■ 64.3660, 61.1100,
63.3126

■ 82.1266, 87.8531,
96.2946

■ 57.2394, 50.4593,
49.8311

■ 88.0713, 96.4024,
108.5734

■ 51.2146, 41.5146,
38.2503

■ 46.2361, 34.1871,
28.4846

■ 42.2438, 28.3800,
20.4414

■ 39.1715, 23.9860,
14.0202

■ 36.9446, 20.8841,
9.1098

■ 35.4765, 18.9326,
5.5849

■ 34.6595, 17.9520,
3.2986

Harmonies

Analogous

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



72.5069, 73.5457, 82.8478



72.6436, 73.5457, 78.7736



72.0383, 73.5457, 75.1718

Triad

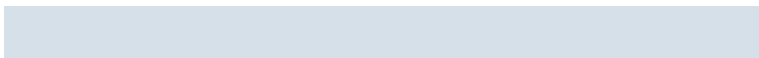
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6436, 73.5457, 78.7736



68.1679, 73.5457, 74.1758



68.9514, 73.5457, 87.6735

Complementary

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



72.6436, 73.5457, 78.7736



73.6325, 80.3618, 88.7253

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.



67.8102, 73.5457, 85.1948



72.6436, 73.5457, 78.7736



67.3622, 73.5457, 77.3721

Square

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



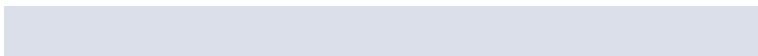
72.6436, 73.5457, 78.7736



69.4458, 73.5457, 72.5775



67.2322, 73.5457, 81.3983



70.3622, 73.5457, 88.0799

Rectangle

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



72.6436, 73.5457, 78.7736



71.3003, 73.5457, 73.4890



67.2322, 73.5457, 81.3983



68.5241, 73.5457, 87.0511

Sweetspot

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



72.6457, 73.5489, 78.7752



92.7341, 96.5049, 104.6237



73.8899, 73.9657, 88.9805



19.8732, 20.6926, 22.4386



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

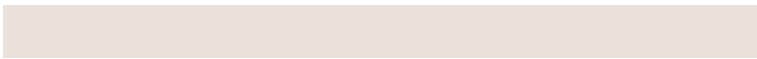
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6457, 73.5489, 78.7752



86.1412, 86.5708, 92.4019



73.9385, 76.5577, 77.9019



15.1419, 15.0846, 16.0327



19.2184, 9.8900, 1.6853



1.5339, 0.7865, 0.2628

Inverse Universe

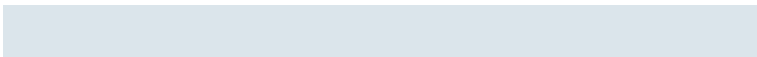
The Inverse Universe completely reimagines the original color for something new.



72.6457, 73.5489, 78.7752



86.1412, 86.5708, 92.4019



72.2677, 77.1732, 89.6851



15.1419, 15.0846, 16.0327



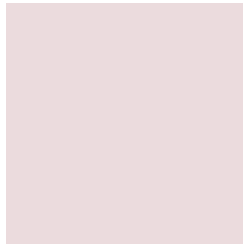
19.2184, 9.8900, 1.6853



1.5339, 0.7865, 0.2628

Previews

White Background



This preview shows how the XYZ color 72.6436, 73.5457, 78.7736 looks on a white background.

Color Contrast Check

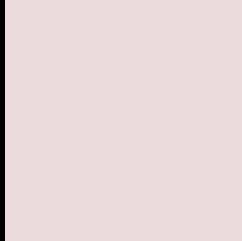
Large Text (above 18pt) WCAG AA × Fail

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 72.6436, 73.5457, 78.7736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

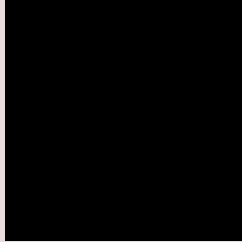
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

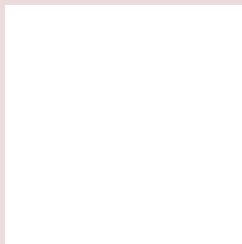
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6436, 73.5457, 78.7736

Background



This preview shows how black text looks on a background with the XYZ color 72.6436, 73.5457, 78.7736.

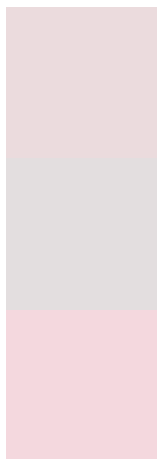


This preview shows how white text looks on a background with the XYZ color 72.6436, 73.5457,

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

72.6436, 73.5457, 78.7736

Protanopia

71.1191, 73.9012, 80.3280

Deuteranopia

75.0489, 73.6188, 79.3616



Tritanopia

74.5892, 73.5707, 88.1112

Trichromacy



Original Color

72.6436, 73.5457, 78.7736

Protanomaly

71.6744, 73.8098, 79.5763

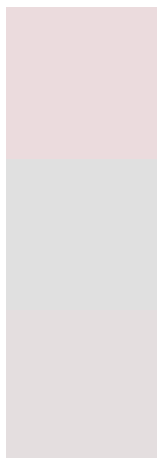
Deuteranomaly

74.2733, 73.6004, 79.3989

Tritanomaly

73.8063, 73.6328, 84.4513

Monochromacy



Original Color

72.6436, 73.5457, 78.7736

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.4355, 74.0642, 80.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6436, 73.5457, 78.7736 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(235, 219, 221) looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 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(235, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 72.6436, 73.5457, 78.7736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

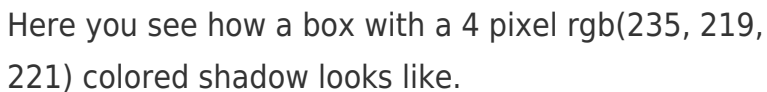
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 219, 221) }
```


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

```
.border{ border-color:rgb(235, 219, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 219,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6436, 73.5457, 78.7736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 221) }
```

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

```
.background{ background-color: rgb(235,  
219, 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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