

Converting Colors

XYZ(74.3749, 78.4833, 72.0352)

Have a look what the booklet for
XYZ(74.3749, 78.4833, 72.0352)
contains.

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Color

**XYZ(74.5772, 78.6963,
72.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE5D2
RGB	237, 229, 210
RGB Percent	93%, 90%, 82%
CMY	0.0706, 0.1019, 0.1765
CMYK	0.00, 0.03, 0.11, 0.07
HSL	42°, 43%, 88%
HSV	42°, 11%, 93%
XYZ	74.5772, 78.6963, 72.2320
YIQ	229.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

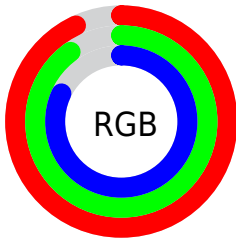
Format	Color
R_{YB}	221, 237, 210
Decimal	15590866
CIE Lab	91.10, -0.46, 10.22
CIE LCh	91, 10.230, 92.553
Yxy	78.6963, 0.3307, 0.3490
Android (android.graphics.Color)	4293780946 (0xFFE5D2)
YUV	229.2260, -9.4784, 6.8178
Hunter-Lab	88.7109, -5.1834, 13.8214

Details

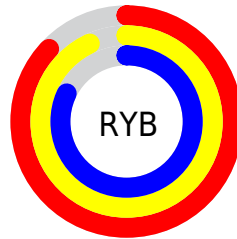
The XYZ color **74.5772, 78.6963, 72.2320** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **66.9356, 69.9575, 90.0967**, and the grayscale version is **74.7063, 78.5969, 85.5920**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1929, 42.4962, 37.5367** is the 20% darker color. If you saturate the color by 10%, you get **69.9384, 73.7987, 57.1811**, and if you desaturate by 10%, it is **79.7362, 83.9328, 89.6156**.

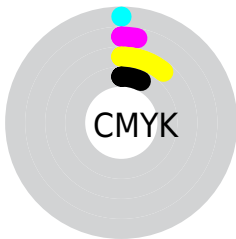
Distribution



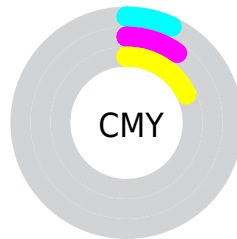
- Red (93%)
- Green (90%)
- Blue (82%)



- Red (87%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5772, 78.6963, 72.2320 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 74.5772, 78.6963, 72.2320 by changing the saturation by 10% instead.

■ 74.5772, 78.6963,
72.2320

■ 74.5772, 78.6963,
72.2320

465.4827,
490.5283, 487.3479

■ 55.5595, 58.6461,
52.8602

124.7048,
131.5312, 124.0971

■ 40.0855, 42.3283,
37.3042

156.5455,
165.0848, 157.4275

■ 27.7897, 29.3585,
25.1455

193.3912,
203.9083, 196.2479

■ 18.3069, 19.3522,
15.9655

235.6072,
248.3861, 240.9767

■ 11.2715, 11.9250,
9.3456

283.5591,
298.9026, 292.0326

■ 6.3184, 6.6926,
4.8674

337.6120,

■ 3.0821, 3.2706,

355.8422, 349.8341

2.1123

398.1315,
419.5893, 414.7997

■ 1.1973, 1.2746,
0.6231

■ 0.1043, 0.1214,
0.0000

■ 74.5772, 78.6963,
72.2320

■ 74.5772, 78.6963,
72.2320

■ 69.9384, 73.7987,
57.1811

■ 79.7362, 83.9328,
89.6156

■ 65.7933, 69.2202,
44.3566

■ 85.0385, 89.3510,
107.3722

■ 62.1224, 64.9540,
33.6515

■ 87.1797, 93.6333,
108.0859

■ 58.9026, 60.9894,
24.9481

■ 88.7354, 96.7447,
108.6045

■ 56.1083, 57.3146,
18.1169

■ 53.7112, 53.9166,
13.0131

■ 51.6787, 50.7810,
9.4708

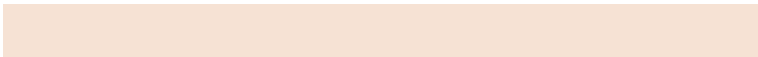
■ 49.9721, 47.8905,
7.2907

■ 48.7111, 45.5761,
6.2297

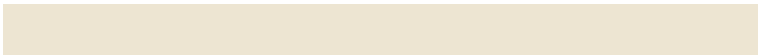
Harmonies

Analogous

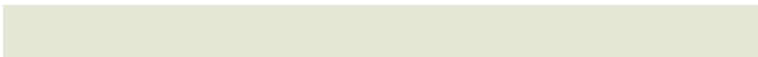
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1141, 78.6963, 73.6593



74.5772, 78.6963, 72.2320



72.1545, 78.6963, 74.2343

Triad

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



74.5772, 78.6963, 72.2320



70.6847, 78.6963, 93.5809



79.2990, 78.6963, 92.4205

Complementary

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



74.5772, 78.6963, 72.2320



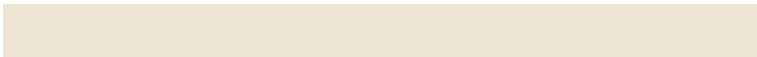
66.9356, 69.9575, 90.0967

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.



77.5063, 78.6963, 98.2607



74.5772, 78.6963, 72.2320



72.5296, 78.6963, 98.9573

Square

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



74.5772, 78.6963, 72.2320



69.9397, 78.6963, 86.3228



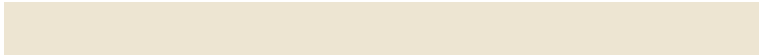
75.0202, 78.6963, 100.7168



79.8772, 78.6963, 85.0541

Rectangle

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



74.5772, 78.6963, 72.2320



70.9195, 78.6963, 77.3158



75.0202, 78.6963, 100.7168



78.8164, 78.6963, 94.6414

Sweetspot

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



74.5793, 78.6998, 72.2337



93.1242, 98.0802, 102.3023



70.6405, 69.1660, 76.0265



19.8243, 20.8847, 21.5289



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.



74.5793, 78.6998, 72.2337



86.5455, 91.3498, 80.2959



75.0669, 82.3112, 72.9051



15.9535, 16.8299, 15.9264



26.7137, 25.1217, 3.4410



2.1806, 2.1385, 0.2978

Inverse Universe

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



66.9356, 69.9575, 90.0967



75.6148, 78.8488, 105.8418



66.4756, 66.7164, 89.4954



14.5947, 15.2759, 19.1016



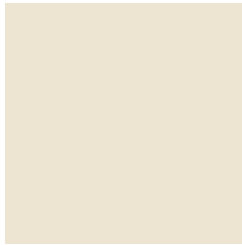
9.6468, 5.9407, 44.3812



0.8385, 0.6285, 3.5120

Previews

White Background



This preview shows how the XYZ color 74.5772, 78.6963, 72.2320 looks on a white background.

Color Contrast Check

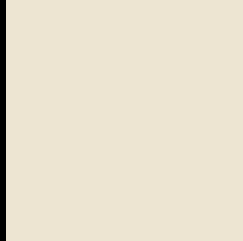
Large Text (above 18pt) WCAG AA × Fail

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 74.5772, 78.6963, 72.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

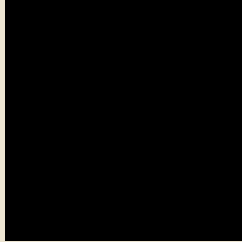
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

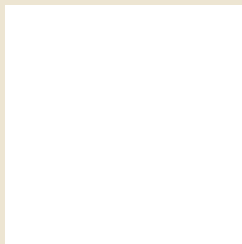
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5772, 78.6963, 72.2320

Background



This preview shows how black text looks on a background with the XYZ color 74.5772, 78.6963, 72.2320.

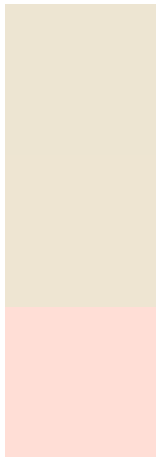


This preview shows how white text looks on a background with the XYZ color 74.5772, 78.6963,

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

74.5772, 78.6963, 72.2320

Protanopia

74.9121, 78.8689, 72.2477

Deuteranopia

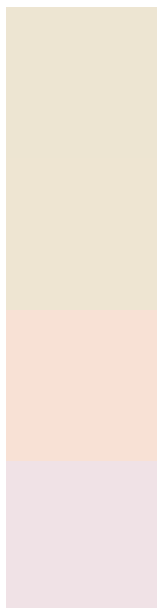
79.4989, 78.3576, 74.5528



Tritanopia

78.9583, 78.4229, 94.9800

Trichromacy



Original Color

74.5772, 78.6963, 72.2320

Protanomaly

74.9121, 78.8689, 72.2477

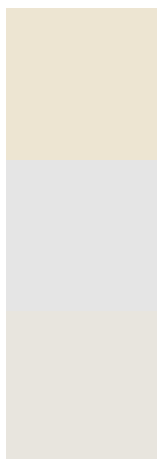
Deuteranomaly

77.6469, 78.6110, 74.0318

Tritanomaly

77.4145, 78.6311, 85.9601

Monochromacy



Original Color

74.5772, 78.6963, 72.2320

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.4828, 78.4684, 80.3275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5772, 78.6963, 72.2320 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, 229, 210) looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 210)  
}
```

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, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 210) }
```

Border

The CSS property to change the border of an element to XYZ 74.5772, 78.6963, 72.2320 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, 229, 210) }
```


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

```
.border{ border-color:rgb(237, 229, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5772, 78.6963, 72.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 210) }
```

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

```
.background{ background-color: rgb(237,  
229, 210) }
```

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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