

Converting Colors

XYZ(74.1733, 77.8339, 72.7426)

Have a look what the booklet for
XYZ(74.1733, 77.8339, 72.7426)
contains.

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Color

**XYZ(74.1520, 77.6458,
72.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE3D3
RGB	237, 227, 211
RGB Percent	93%, 89%, 83%
CMY	0.0706, 0.1098, 0.1725
CMYK	0.00, 0.04, 0.11, 0.07
HSL	37°, 42%, 88%
HSV	37°, 11%, 93%
XYZ	74.1520, 77.6458, 72.7069
YIQ	228.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

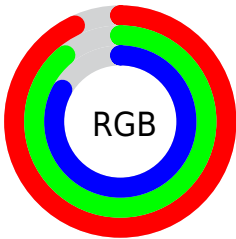
Format	Color
R _Y B	227, 237, 211
Decimal	15590355
CIE Lab	90.62, 0.73, 9.01
CIE LCh	91, 9.043, 85.373
Yxy	77.6458, 0.3303, 0.3459
Android (android.graphics.Color)	4293780435 (0xFFE3D3D3)
YUV	228.1660, -8.4628, 7.7474
Hunter-Lab	88.1169, -3.9934, 12.7605

Details

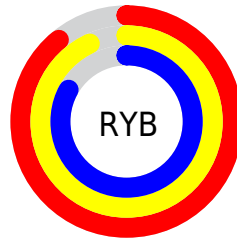
The XYZ color **74.1520, 77.6458, 72.7069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0063, 71.6750, 90.3719**, and the grayscale version is **73.9203, 77.7700, 84.6915**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8093, 41.7291, 37.4088** is the 20% darker color. If you saturate the color by 10%, you get **68.9714, 71.6935, 57.3862**, and if you desaturate by 10%, it is **79.9069, 84.0440, 90.3821**.

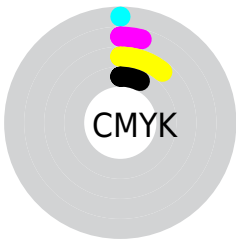
Distribution



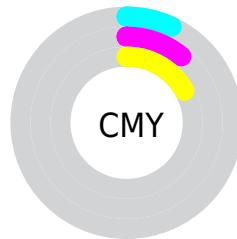
- Red (93%)
- Green (89%)
- Blue (83%)



- Red (89%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1520, 77.6458, 72.7069 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 74.1520, 77.6458, 72.7069 by changing the saturation by 10% instead.

74.1520, 77.6458,
72.7069

74.1520, 77.6458,
72.7069

464.0400,
486.9631, 489.0419

55.2102, 57.7831,
53.2460

124.1056,
130.0507, 124.7781

39.8045, 41.6343,
37.6101

155.8481,
163.3616, 158.2254

27.5697, 28.8150,
25.3807

192.5882,
201.9241, 197.1720

18.1403, 18.9409,
16.1393

234.6912,
246.1225, 242.0363

11.1511, 11.6276,
9.4674

282.5226,
296.3412, 293.2369

6.2366, 6.4906,
4.9463

336.4476,

3.0315, 3.1457,

352.9646, 351.1923

2.1576

396.8316,
416.3771, 416.3211

■ 1.1704, 1.2082,
0.6498

■ 0.0828, 0.0684,
0.0000

■ 74.1520, 77.6458,
72.7069

■ 74.1520, 77.6458,
72.7069

■ 68.9714, 71.6935,
57.3862

■ 79.9069, 84.0440,
90.3821

■ 64.3375, 66.1651,
44.3137

■ 85.6970, 90.6679,
107.5917

■ 60.2300, 61.0517,
33.3825

■ 88.5252, 96.3243,
108.5344

■ 56.6245, 56.3403,
24.4748

■ 88.7354, 96.7447,
108.6045

■ 53.4944, 52.0167,
17.4612

■ 50.8102, 48.0654,
12.1975

■ 48.5383, 44.4695,
8.5181

■ 46.6390, 41.2093,
6.2252

■ 45.1868, 38.5276,
5.0550

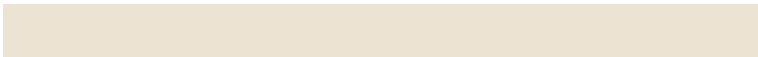
Harmonies

Analogous

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



76.3033, 77.6458, 74.6864



74.1520, 77.6458, 72.7069



71.9489, 77.6458, 73.7636

Triad

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



74.1520, 77.6458, 72.7069



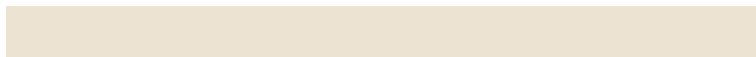
69.9333, 77.6458, 90.0029



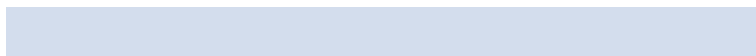
77.4432, 77.6458, 91.8327

Complementary

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



74.1520, 77.6458, 72.7069



68.0063, 71.6750, 90.3719

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.



75.6826, 77.6458, 96.3247



74.1520, 77.6458, 72.7069



71.3521, 77.6458, 95.2309

Square

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



74.1520, 77.6458, 72.7069



69.5423, 77.6458, 83.5406



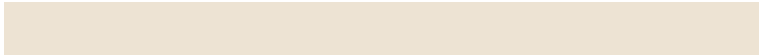
73.4491, 77.6458, 97.5988



78.2280, 77.6458, 85.5536

Rectangle

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



74.1520, 77.6458, 72.7069



70.7427, 77.6458, 76.0778



73.4491, 77.6458, 97.5988



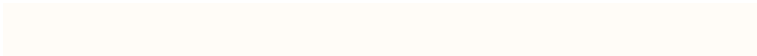
76.9441, 77.6458, 93.6142

Sweetspot

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



74.1541, 77.6492, 72.7086



92.9115, 97.6549, 102.2314



71.3248, 69.8359, 78.4078



19.7668, 20.7698, 21.5097



0.0000, 0.0000, 0.0000



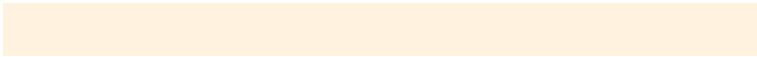
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1541, 77.6492, 72.7086



86.2330, 90.1824, 81.8639



76.1061, 82.8326, 73.6062



15.8375, 16.5980, 15.8877



24.8010, 21.2962, 2.8034



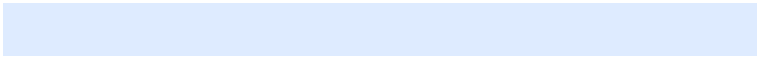
2.0401, 1.8575, 0.2510

Inverse Universe

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



68.0063, 71.6750, 90.3719



77.7206, 81.9106, 106.3218



66.1963, 66.9401, 89.5534



14.7060, 15.4984, 19.1386



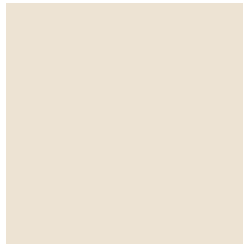
10.5111, 7.6692, 44.6693



0.9160, 0.7834, 3.5378

Previews

White Background



This preview shows how the XYZ color 74.1520, 77.6458, 72.7069 looks on a white background.

Color Contrast Check

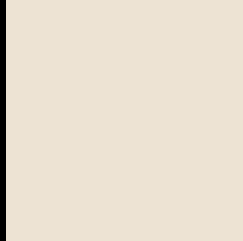
Large Text (above 18pt) WCAG AA × Fail

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 74.1520, 77.6458, 72.7069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

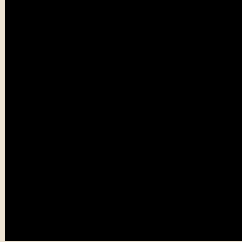
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

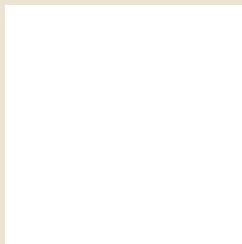
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1520, 77.6458, 72.7069

Background



This preview shows how black text looks on a background with the XYZ color 74.1520, 77.6458, 72.7069.

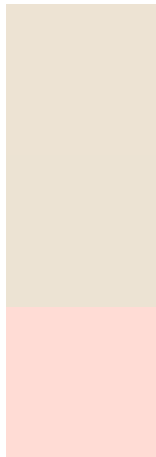


This preview shows how white text looks on a background with the XYZ color 74.1520, 77.6458,

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

74.1520, 77.6458, 72.7069

Protanopia

73.8190, 77.4742, 72.6913

Deuteranopia

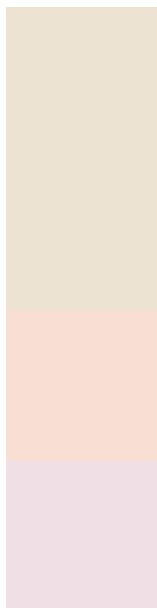
78.8434, 77.2505, 73.7061



Tritanopia

78.3915, 77.7674, 93.3170

Trichromacy



Original Color

74.1520, 77.6458, 72.7069

Protanomaly

73.8190, 77.4742, 72.6913

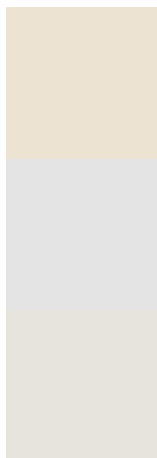
Deuteranomaly

76.9827, 77.4853, 73.1861

Tritanomaly

76.7337, 77.4937, 85.0422

Monochromacy



Original Color

74.1520, 77.6458, 72.7069

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8832, 77.7497, 80.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1520, 77.6458, 72.7069 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, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 227, 211)  
}
```

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, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 211) }
```

Border

The CSS property to change the border of an element to XYZ 74.1520, 77.6458, 72.7069 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, 227, 211) }
```


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

```
.border{ border-color:rgb(237, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1520, 77.6458, 72.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 211) }
```

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

```
.background{ background-color: rgb(237,  
227, 211) }
```

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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