

Converting Colors

XYZ(74.2466, 78.3925, 76.9868)

Have a look what the booklet for
XYZ(74.2466, 78.3925, 76.9868)
contains.

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Color

**XYZ(74.1480, 78.3720,
76.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E5D9
RGB	233, 229, 217
RGB Percent	91%, 90%, 85%
CMY	0.0863, 0.1019, 0.1490
CMYK	0.00, 0.02, 0.07, 0.09
HSL	45°, 27%, 88%
HSV	45°, 7%, 91%
XYZ	74.1480, 78.3720, 76.8649
YIQ	228.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

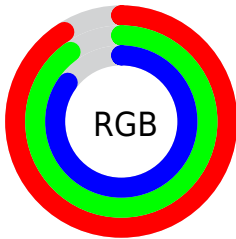
Format	Color
RYB	222, 233, 217
Decimal	15328729
CIELab	90.95, -0.71, 6.31
CIELCh	91, 6.353, 96.390
Yxy	78.3720, 0.3232, 0.3417
Android (android.graphics.Color)	4293518809 (0xFFE9E5D9)
YUV	228.8280, -5.8312, 3.6588
Hunter-Lab	88.5280, -5.4184, 10.4907

Details

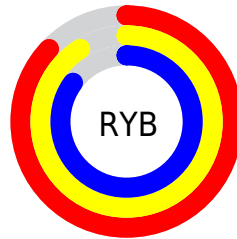
The XYZ color **74.1480, 78.3720, 76.8649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1797, 72.3468, 87.4100**, and the grayscale version is **74.3899, 78.2640, 85.2294**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7891, 42.2279, 40.2361** is the 20% darker color. If you saturate the color by 10%, you get **69.7464, 74.0806, 61.4863**, and if you desaturate by 10%, it is **79.0359, 82.9493, 94.5185**.

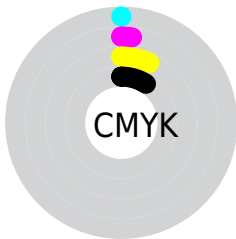
Distribution



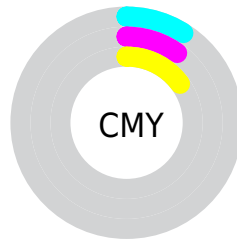
- Red (91%)
- Green (90%)
- Blue (85%)



- Red (87%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1480, 78.3720, 76.8649 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 74.1480, 78.3720, 76.8649 by changing the saturation by 10% instead.

■ 74.1480, 78.3720,
76.8649

■ 74.1480, 78.3720,
76.8649

464.0264,
489.4293, 503.7287

■ 55.2069, 58.3796,
56.6311

124.1000,
131.0744, 130.7200

■ 39.8019, 42.1139,
40.3018

155.8415,
164.5532, 165.1784

■ 27.5676, 29.1905,
27.4583

192.5806,
203.2962, 205.2155

■ 18.1388, 19.2250,
17.6823

234.6826,
247.6880, 251.2496

■ 11.1500, 11.8330,
10.5550

282.5128,
298.1127, 303.6995

■ 6.2358, 6.6300,
5.6581

336.4366,

■ 3.0310, 3.2318,

354.9549, 362.9836

2.5729

396.8194,
418.5990, 429.5205

■ 1.1702, 1.2539,
0.8784

■ 0.0826, 0.1051,
0.0000

■ 74.1480, 78.3720,
76.8649

■ 74.1480, 78.3720,
76.8649

■ 69.7464, 74.0806,
61.4863

■ 79.0359, 82.9493,
94.5185

■ 65.8062, 70.0568,
48.2835

■ 83.0046, 87.2436,
107.0726

■ 62.3099, 66.2952,
37.1576

■ 84.7514, 90.7371,
107.6549

■ 59.2365, 62.7866,
27.9998

■ 86.5536, 94.3416,
108.2556

■ 56.5629, 59.5209,
20.6916

■ 87.4147, 96.0639,
108.5427

■ 54.2636, 56.4869,
15.1015

■ 52.3098, 53.6723,
11.0806

■ 50.6678, 51.0627,
8.4545

■ 49.2948, 48.6400,
7.0000

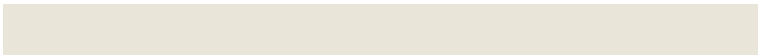
Harmonies

Analogous

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



75.7306, 78.3720, 77.5042



74.1480, 78.3720, 76.8649



72.6779, 78.3720, 78.4285

Triad

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



74.1480, 78.3720, 76.8649



72.0384, 78.3720, 90.6744



77.3480, 78.3720, 88.9154

Complementary

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



74.1480, 78.3720, 76.8649



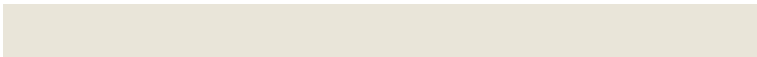
69.1797, 72.3468, 87.4100

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.



76.3324, 78.3720, 92.6330



74.1480, 78.3720, 76.8649



73.2635, 78.3720, 93.6737

Square

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



74.1480, 78.3720, 76.8649



71.4713, 78.3720, 86.3192



74.8335, 78.3720, 94.4029



77.5930, 78.3720, 84.3559

Rectangle

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



74.1480, 78.3720, 76.8649



71.9546, 78.3720, 80.5439



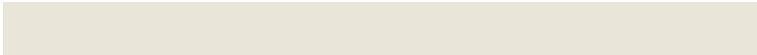
74.8335, 78.3720, 94.4029



77.0847, 78.3720, 90.3099

Sweetspot

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



74.1502, 78.3754, 76.8666



93.8347, 98.8659, 104.4977



71.4693, 72.1710, 78.5713



20.0972, 21.1733, 22.4129



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.



74.1502, 78.3754, 76.8666



90.3338, 95.5474, 91.9760



73.9774, 79.9467, 77.1790



16.0149, 16.9528, 15.9469



27.8486, 27.3915, 3.8193



2.2620, 2.3014, 0.3250

Inverse Universe

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



69.1797, 72.3468, 87.4100



83.2493, 86.9547, 107.0040



69.3407, 70.8822, 87.1188



14.5368, 15.1601, 19.0823



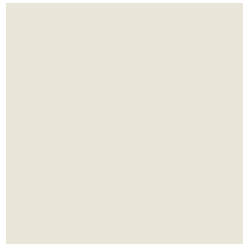
9.2923, 5.2315, 44.2630



0.8041, 0.5596, 3.5005

Previews

White Background



This preview shows how the XYZ color 74.1480, 78.3720, 76.8649 looks on a white background.

Color Contrast Check

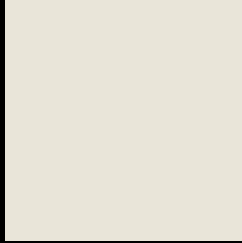
Large Text (above 18pt) WCAG AA × Fail

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 74.1480, 78.3720, 76.8649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

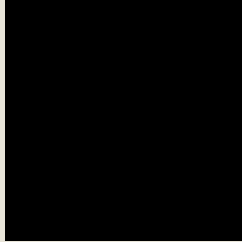
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

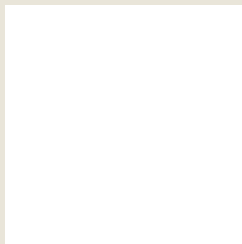
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1480, 78.3720, 76.8649

Background



This preview shows how black text looks on a background with the XYZ color 74.1480, 78.3720, 76.8649.

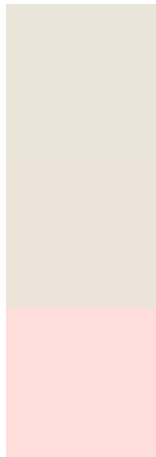


This preview shows how white text looks on a background with the XYZ color 74.1480, 78.3720,

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

74.1480, 78.3720, 76.8649

Protanopia

74.7301, 78.2775, 76.1361

Deuteranopia

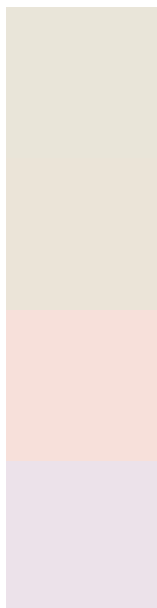
79.8826, 78.0874, 77.8799



Tritanopia

78.0279, 78.3260, 95.7999

Trichromacy



Original Color

74.1480, 78.3720, 76.8649

Protanomaly

74.3990, 78.1068, 76.1206

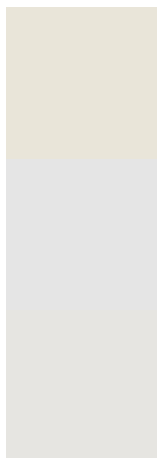
Deuteranomaly

77.6683, 78.1474, 77.3201

Tritanomaly

76.6397, 78.1661, 88.8901

Monochromacy



Original Color

74.1480, 78.3720, 76.8649

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2430, 78.2979, 82.4341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1480, 78.3720, 76.8649 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(233, 229, 217) looks like.

```
.text, #text, p{  
    color:rgb(233, 229, 217)  
}
```

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(233, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 229, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.1480, 78.3720, 76.8649 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(233, 229, 217) }
```


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

```
.border{ border-color:rgb(233, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 229, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 229, 217);  
box-shadow:4px 4px 4px 4px rgb(233, 229,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1480, 78.3720, 76.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 229, 217) }
```

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

```
.background{ background-color: rgb(233,  
229, 217) }
```

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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