

Converting Colors

XYZ(74.8577, 78.4833, 74.3134)

Have a look what the booklet for
XYZ(74.8577, 78.4833, 74.3134)
contains.

XYZ(74.6787, 78.2954, 74.1273)	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(74.6787, 78.2954,
74.1273)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE4D5
RGB	237, 228, 213
RGB Percent	93%, 89%, 84%
CMY	0.0706, 0.1059, 0.1647
CMYK	0.00, 0.04, 0.10, 0.07
HSL	38°, 40%, 88%
HSV	38°, 10%, 93%
XYZ	74.6787, 78.2954, 74.1273
YIQ	228.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

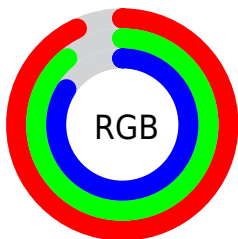
Format	Color
R _Y B	227, 237, 213
Decimal	15590613
CIE Lab	90.91, 0.54, 8.39
CIE LCh	91, 8.411, 86.328
Yxy	78.2954, 0.3288, 0.3448
Android (android.graphics.Color)	4293780693 (0xFFE4D5)
YUV	228.9810, -7.8786, 7.0327
Hunter-Lab	88.4847, -4.1990, 12.2696

Details

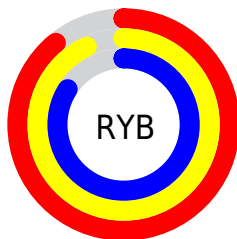
The XYZ color **74.6787, 78.2954, 74.1273** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8478, 72.5019, 90.4872**, and the grayscale version is **74.5149, 78.3955, 85.3727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1712, 42.1795, 38.3720** is the 20% darker color. If you saturate the color by 10%, you get **69.5070, 72.4189, 58.6307**, and if you desaturate by 10%, it is **80.4200, 84.6058, 91.9845**.

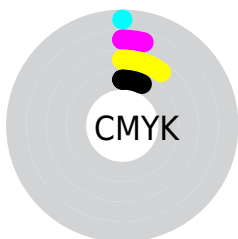
Distribution



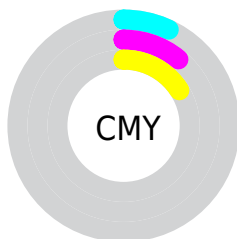
- Red (93%)
- Green (89%)
- Blue (84%)



- Red (89%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (7%)




- Cyan (7%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6787, 78.2954, 74.1273 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 74.6787, 78.2954, 74.1273 by changing the saturation by 10% instead.


 74.6787, 78.2954,
74.1273

 74.6787, 78.2954,
74.1273


465.8267,
489.1695, 494.0878

 55.6430, 58.3167,
54.4008


124.8478,
130.9665, 126.8120

 40.1526, 42.0633,
38.5268


156.7118,
164.4276, 160.6072

 27.8423, 29.1509,
26.0868


193.5827,
203.1516, 199.9291

 18.3467, 19.1950,
16.6623

235.8257,
247.5230, 245.1963

 11.3003, 11.8112,
9.8346

283.8063,
297.9260, 296.8272

 6.3380, 6.6153,
5.1853

337.8898,

 3.0943, 3.2227,

354.7452, 355.2404

2.2957

398.4414,
418.3649, 420.8544

■ 1.2038, 1.2491,
0.7288

■ 0.1094, 0.1012,
0.0000

■ 74.6787, 78.2954,
74.1273

■ 74.6787, 78.2954,
74.1273

■ 69.5070, 72.4189,
58.6307

■ 80.4200, 84.6058,
91.9845

■ 64.8776, 66.9547,
45.3891

■ 85.8619, 90.9977,
107.6467

■ 60.7702, 61.8942,
34.2962

■ 88.6256, 96.5250,
108.5679

■ 57.1610, 57.2247,
25.2351

■ 88.7354, 96.7447,
108.6045

■ 54.0237, 52.9326,
18.0776

■ 51.3293, 49.0028,
12.6810

■ 49.0446, 45.4189,
8.8818

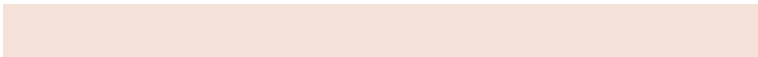
■ 47.1309, 42.1618,
6.4858

■ 45.5418, 39.2375,
5.1733

Harmonies

Analogous

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



76.6995, 78.2954, 75.9031



74.6787, 78.2954, 74.1273



72.6249, 78.2954, 75.2135

Triad

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



74.6787, 78.2954, 74.1273



70.8249, 78.2954, 90.5312



77.8601, 78.2954, 91.8853

Complementary

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



74.6787, 78.2954, 74.1273



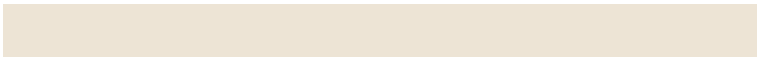
68.8478, 72.5019, 90.4872

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.



76.2392, 78.2954, 96.1427



74.6787, 78.2954, 74.1273



72.1811, 78.2954, 95.3352

Square

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



74.6787, 78.2954, 74.1273



70.4248, 78.2954, 84.5052



74.1568, 78.2954, 97.4340



78.5581, 78.2954, 86.0000

Rectangle

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



74.6787, 78.2954, 74.1273



71.5090, 78.2954, 77.4436



74.1568, 78.2954, 97.4340



77.4036, 78.2954, 93.5649

Sweetspot

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



74.6808, 78.2988, 74.1290



92.9347, 97.7012, 102.2392



71.9319, 70.8788, 79.1386



19.7731, 20.7823, 21.5118



0.0000, 0.0000, 0.0000



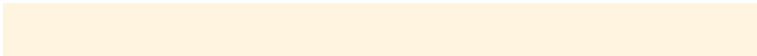
20.3446, 21.4041, 23.3091

Same Dimension

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



74.6808, 78.2988, 74.1290



86.9585, 91.0828, 83.8033



76.2927, 82.8997, 74.9321



15.8501, 16.6231, 15.8919



24.9940, 21.6823, 2.8678



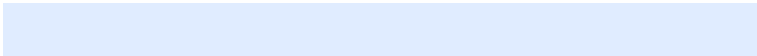
2.0545, 1.8863, 0.2558

Inverse Universe

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



68.8478, 72.5019, 90.4872



78.8725, 83.0470, 106.4804



67.3412, 68.2726, 89.7503



14.6938, 15.4740, 19.1346



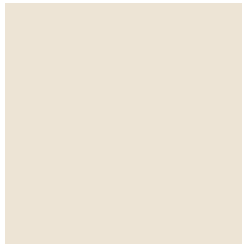
10.4043, 7.4557, 44.6337



0.9068, 0.7650, 3.5347

Previews

White Background



This preview shows how the XYZ color 74.6787, 78.2954, 74.1273 looks on a white background.

Color Contrast Check

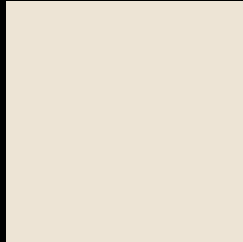
Large Text (above 18pt) WCAG AA × Fail

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 74.6787, 78.2954, 74.1273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

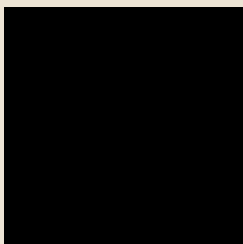
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

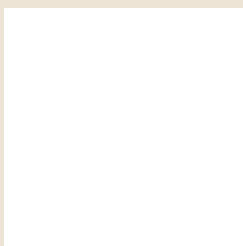
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6787, 78.2954, 74.1273

Background



This preview shows how black text looks on a background with the XYZ color 74.6787, 78.2954, 74.1273.

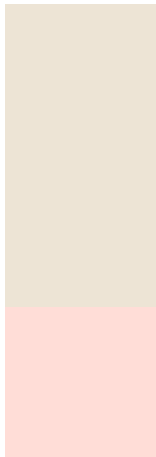


This preview shows how white text looks on a background with the XYZ color 74.6787, 78.2954,

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

74.6787, 78.2954, 74.1273

Protanopia

74.6787, 78.2954, 74.1273

Deuteranopia

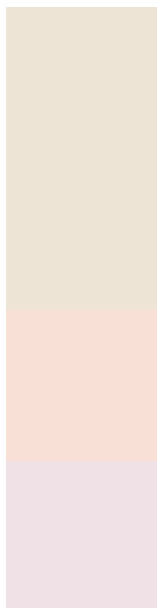
79.3622, 77.8792, 75.1393



Tritanopia

78.8085, 78.3630, 94.1910

Trichromacy



Original Color

74.6787, 78.2954, 74.1273

Protanomaly

74.6787, 78.2954, 74.1273

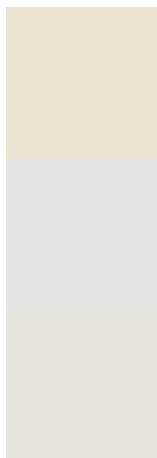
Deuteranomaly

77.5047, 78.1228, 74.6126

Tritanomaly

77.2842, 78.1452, 86.6115

Monochromacy



Original Color

74.6787, 78.2954, 74.1273

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6173, 78.5221, 81.0356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6787, 78.2954, 74.1273 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, 228, 213) looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 213)  
}
```

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, 228, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.6787, 78.2954, 74.1273 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, 228, 213) }
```


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

```
.border{ border-color:rgb(237, 228, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 213);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6787, 78.2954, 74.1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 213) }
```

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

```
.background{ background-color: rgb(237,  
228, 213) }
```

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