

Converting Colors

XYZ(74.5508, 77.4466, 72.6475)

Have a look what the booklet for
XYZ(74.5508, 77.4466, 72.6475)
contains.

XYZ(74.5508, 77.4466, 72.6475)	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(74.5508, 77.4466,
72.6475)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE2D3
RGB	239, 226, 211
RGB Percent	94%, 89%, 83%
CMY	0.0627, 0.1137, 0.1725
CMYK	0.00, 0.05, 0.12, 0.06
HSL	32°, 47%, 88%
HSV	32°, 12%, 94%
XYZ	74.5508, 77.4466, 72.6475
YIQ	228.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

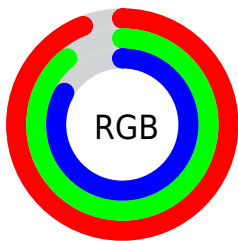
Format	Color
R_{YB}	235, 239, 211
Decimal	15721171
CIE _{Lab}	90.53, 1.95, 8.90
CIE _{LCh}	91, 9.114, 77.668
Yxy	77.4466, 0.3319, 0.3448
Android (android.graphics.Color)	4293911251 (0xFFEFE2D3)
YUV	228.1770, -8.4683, 9.4918
Hunter-Lab	88.0037, -2.7935, 12.6585

Details

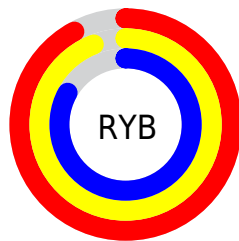
The XYZ color **74.5508, 77.4466, 72.6475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0993, 73.3907, 92.1859**, and the grayscale version is **73.9277, 77.7777, 84.6999**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0921, 41.5934, 37.3677** is the 20% darker color. If you saturate the color by 10%, you get **68.8558, 70.4999, 57.0495**, and if you desaturate by 10%, it is **80.8908, 84.9687, 90.6601**.

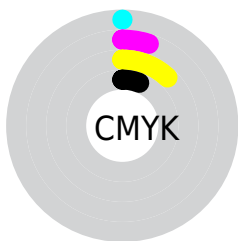
Distribution



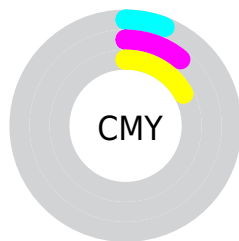
- Red (94%)
- Green (89%)
- Blue (83%)



- Red (92%)
- Yellow (94%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (6%)




- Cyan (6%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5508, 77.4466, 72.6475 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 74.5508, 77.4466, 72.6475 by changing the saturation by 10% instead.


 74.5508, 77.4466,
72.6475

 74.5508, 77.4466,
72.6475


465.3932,
486.2854, 488.8302

 55.5378, 57.6195,
53.1977

124.6676,
129.7697, 124.6929

 40.0680, 41.5028,
37.5718


156.5022,
163.0345, 158.1257

 27.7760, 28.7122,
25.3513


193.3413,
201.5473, 197.0564

 18.2965, 18.8632,
16.1176

235.5504,
245.6925, 241.9038

 11.2640, 11.5715,
9.4521

283.4948,
295.8545, 293.0864

 6.3133, 6.4526,
4.9364

337.5398,

 3.0790, 3.1222,

352.4178, 351.0226

2.1519

398.0508,
415.7666, 416.1310

■ 1.1957, 1.1959,
0.6464

■ 0.1029, 0.0583,
0.0000

■ 74.5508, 77.4466,
72.6475

■ 74.5508, 77.4466,
72.6475

■ 68.8558, 70.4999,
57.0495

■ 80.8908, 84.9687,
90.6601

■ 63.7761, 64.1031,
43.7569

■ 87.2730, 92.8231,
107.9246

■ 59.2891, 58.2437,
32.6591

■ 89.4069, 97.0909,
108.6359

■ 55.3680, 52.9049,
23.6345

■ 51.9837, 48.0685,
16.5496

■ 49.1040, 43.7150,
11.2550

■ 46.6921, 39.8229,
7.5792

■ 44.7049, 36.3677,
5.3160

■ 43.3259, 33.8090,
4.2423

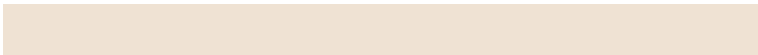
Harmonies

Analogous

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



76.6021, 77.4466, 75.3824



74.5508, 77.4466, 72.6475



72.2884, 77.4466, 72.9217

Triad

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



74.5508, 77.4466, 72.6475



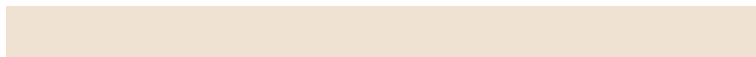
69.5127, 77.4466, 88.1937



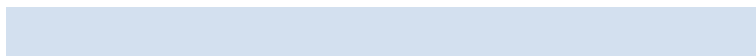
76.8988, 77.4466, 93.0655

Complementary

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



74.5508, 77.4466, 72.6475



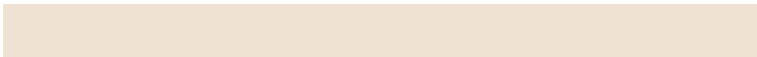
69.0993, 73.3907, 92.1859

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.



74.9490, 77.4466, 96.8617



74.5508, 77.4466, 72.6475



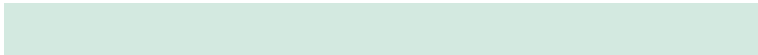
70.6982, 77.4466, 93.9508

Square

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



74.5508, 77.4466, 72.6475



69.4111, 77.4466, 81.6734



72.6785, 77.4466, 97.1939



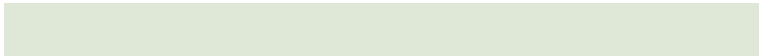
77.9763, 77.4466, 87.0358

Rectangle

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



74.5508, 77.4466, 72.6475



70.9645, 77.4466, 74.7747



72.6785, 77.4466, 97.1939



76.3218, 77.4466, 94.6583

Sweetspot

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



74.5529, 77.4500, 72.6492



91.9592, 96.3770, 99.9821



72.3553, 70.3258, 80.3300



19.5616, 20.4854, 21.0524



0.0000, 0.0000, 0.0000



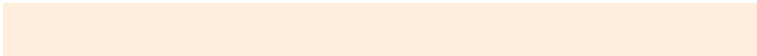
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5529, 77.4500, 72.6492



84.7659, 87.7906, 79.7027



77.9074, 84.6255, 73.8574



16.4743, 17.1618, 16.5940



24.0755, 18.9491, 2.3886



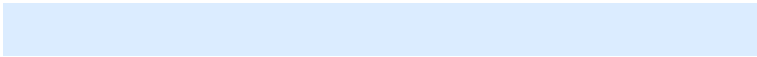
2.1023, 1.7754, 0.2319

Inverse Universe

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



69.0993, 73.3907, 92.1859



77.3115, 82.2422, 106.4073



66.0075, 66.8088, 91.0784



15.5019, 16.4380, 20.0774



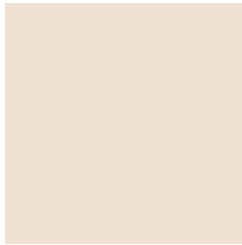
11.8751, 9.9744, 46.4272



1.0865, 1.0269, 3.8952

Previews

White Background



This preview shows how the XYZ color 74.5508, 77.4466, 72.6475 looks on a white background.

Color Contrast Check

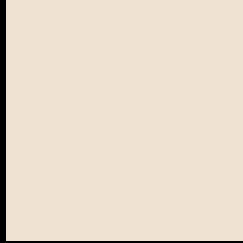
Large Text (above 18pt) WCAG AA × Fail

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 74.5508, 77.4466, 72.6475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

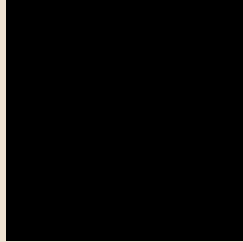
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5508, 77.4466, 72.6475

Background



This preview shows how black text looks on a background with the XYZ color 74.5508, 77.4466, 72.6475.



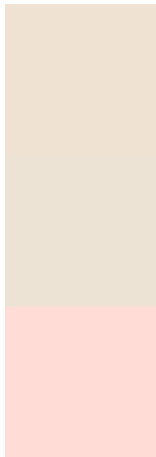
This preview shows how white text looks on a background with the XYZ color 74.5508, 77.4466,

72.6475.

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

74.5508, 77.4466, 72.6475

Protanopia

73.9448, 77.5245, 73.3538

Deuteranopia

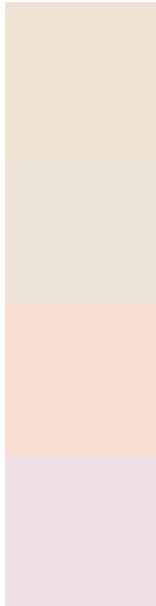
78.8434, 77.2505, 73.7061



Tritanopia

78.6634, 77.5292, 92.4800

Trichromacy



Original Color

74.5508, 77.4466, 72.6475

Protanomaly

74.2778, 77.6962, 73.3694

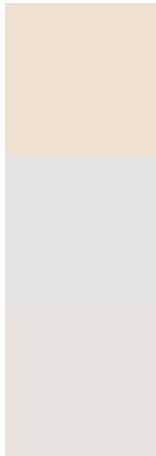
Deuteranomaly

77.0719, 77.1358, 73.1139

Tritanomaly

77.1485, 77.3097, 84.9849

Monochromacy



Original Color

74.5508, 77.4466, 72.6475

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9326, 77.3679, 80.1441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5508, 77.4466, 72.6475 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(239, 226, 211) looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 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(239, 226, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 211) }
```

Border

The CSS property to change the border of an element to XYZ 74.5508, 77.4466, 72.6475 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(239, 226, 211) }
```


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

```
.border{ border-color:rgb(239, 226, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 211);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5508, 77.4466, 72.6475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 211) }
```

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

```
.background{ background-color: rgb(239,  
226, 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](#).

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