

Converting Colors

XYZ(75.1028, 77.9109, 69.4179)

Have a look what the booklet for
XYZ(75.1028, 77.9109, 69.4179)
contains.

XYZ(74.9549, 77.7262, 69.4446)	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(74.9549, 77.7262,
69.4446)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E2CE
RGB	242, 226, 206
RGB Percent	95%, 89%, 81%
CMY	0.0510, 0.1137, 0.1922
CMYK	0.00, 0.07, 0.15, 0.05
HSL	33°, 58%, 88%
HSV	33°, 15%, 95%
XYZ	74.9549, 77.7262, 69.4446
YIQ	228.5040, 15.9560, -2.8280

Conversions

Conversions Part 2

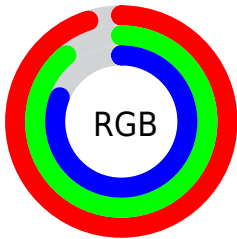
Format	Color
R _Y B	235, 242, 206
Decimal	15917774
CIE Lab	90.65, 2.23, 11.73
CIE LCh	91, 11.941, 79.255
Yxy	77.7262, 0.3374, 0.3499
Android (android.graphics.Color)	4294107854 (0xFFFF2E2CE)
YUV	228.5040, -11.0945, 11.8360
Hunter-Lab	88.1625, -2.5253, 15.0116

Details

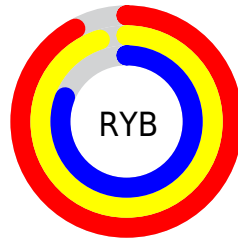
The XYZ color **74.9549, 77.7262, 69.4446** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6016, 71.7737, 94.2958**, and the grayscale version is **74.1843, 78.0477, 84.9939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4801, 41.8319, 35.6466** is the 20% darker color. If you saturate the color by 10%, you get **69.4063, 70.9767, 54.1903**, and if you desaturate by 10%, it is **81.1438, 85.0305, 87.1473**.

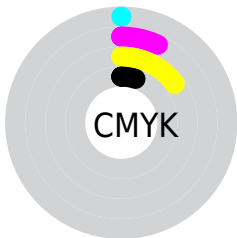
Distribution



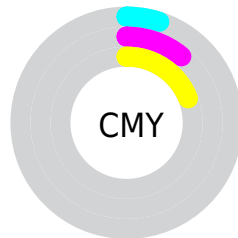
- Red (95%)
- Green (89%)
- Blue (81%)



- Red (92%)
- Yellow (95%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9549, 77.7262, 69.4446 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 74.9549, 77.7262, 69.4446 by changing the saturation by 10% instead.

74.9549, 77.7262,
69.4446

74.9549, 77.7262,
69.4446

466.7621,
487.2365, 477.3338

55.8700, 57.8491,
50.5999

125.2368,
130.1641, 120.0901

40.3353, 41.6873,
35.5158

157.1644,
163.4936, 152.7279

27.9854, 28.8565,
23.7737

194.1037,
202.0761, 190.8004

18.4551, 18.9723,
14.9552

236.4200,
246.2960, 234.7263

11.3789, 11.6503,
8.6417

284.4786,
296.5375, 284.9241

6.3914, 6.5060,
4.4146

338.6450,

3.1274, 3.1551,

353.1852, 341.8122

1.8554

399.2843,
416.6234, 405.8093

■ 1.2215, 1.2133,
0.4642

■ 0.1232, 0.0725,
0.0000

■ 74.9549, 77.7262,
69.4446

■ 74.9549, 77.7262,
69.4446

■ 69.4063, 70.9767,
54.1903

■ 81.1438, 85.0305,
87.1473

■ 64.4677, 64.7566,
41.2697

■ 87.9893, 92.8933,
107.3964

■ 60.1156, 59.0537,
30.5661

■ 90.4283, 97.6174,
108.6837

■ 56.3221, 53.8512,
21.9507

■ 53.0569, 49.1312,
15.2814

■ 50.2861, 44.8740,
10.3980

■ 47.9706, 41.0577,
7.1142

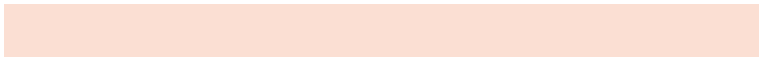
■ 46.0632, 37.6571,
5.2016

■ 45.2094, 36.0596,
4.5774

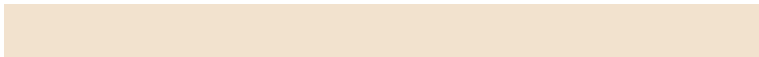
Harmonies

Analogous

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



77.6978, 77.7262, 72.7446



74.9549, 77.7262, 69.4446



71.9943, 77.7262, 70.0010

Triad

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



74.9549, 77.7262, 69.4446



68.5740, 77.7262, 90.1846



78.3241, 77.7262, 95.8538

Complementary

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



74.9549, 77.7262, 69.4446



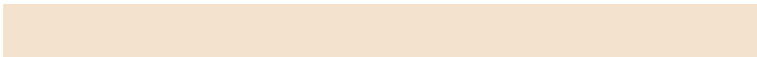
67.6016, 71.7737, 94.2958

Split Complementary

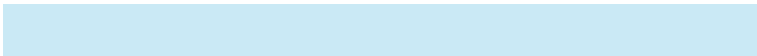
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7911, 77.7262, 101.1685



74.9549, 77.7262, 69.4446



70.1824, 77.7262, 97.7456

Square

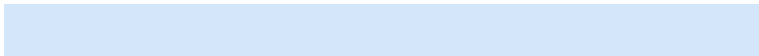
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9549, 77.7262, 69.4446



68.3639, 77.7262, 81.5939



72.8083, 77.7262, 101.8833



79.6776, 77.7262, 87.7418

Rectangle

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



74.9549, 77.7262, 69.4446



70.2934, 77.7262, 72.4956



72.8083, 77.7262, 101.8833



77.5792, 77.7262, 98.0494

Sweetspot

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



74.9570, 77.7297, 69.4463



92.0221, 96.5028, 100.0030



71.9018, 68.3056, 78.6435



19.5775, 20.5172, 21.0578



0.0000, 0.0000, 0.0000



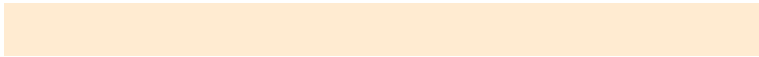
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9570, 77.7297, 69.4463



82.3566, 85.0597, 72.4640



78.8966, 86.5216, 70.9356



16.5012, 17.2156, 16.6029



24.4252, 19.6485, 2.5052



2.1310, 1.8327, 0.2414

Inverse Universe

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



67.6016, 71.7737, 94.2958



72.5290, 77.1023, 105.6673



64.0555, 63.9354, 92.9698



15.4754, 16.3848, 20.0686



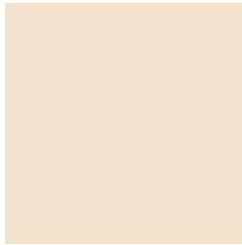
11.5953, 9.4148, 46.3340



1.0623, 0.9786, 3.8871

Previews

White Background



This preview shows how the XYZ color 74.9549, 77.7262, 69.4446 looks on a white background.

Color Contrast Check

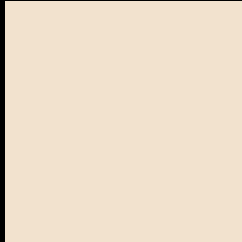
Large Text (above 18pt) WCAG AA × Fail

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 74.9549, 77.7262, 69.4446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

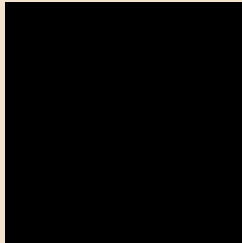
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

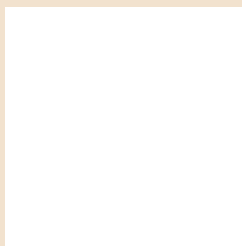
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9549, 77.7262, 69.4446

Background



This preview shows how black text looks on a background with the XYZ color 74.9549, 77.7262, 69.4446.



This preview shows how white text looks on a background with the XYZ color 74.9549, 77.7262,

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

74.9549, 77.7262, 69.4446

Protanopia

73.6566, 77.4477, 70.0983

Deuteranopia

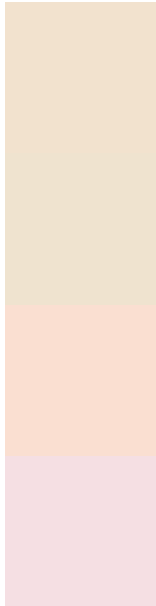
78.7293, 77.6260, 71.8066



Tritanopia

79.4425, 77.5377, 92.4406

Trichromacy



Original Color

74.9549, 77.7262, 69.4446

Protanomaly

74.3282, 77.7939, 70.1297

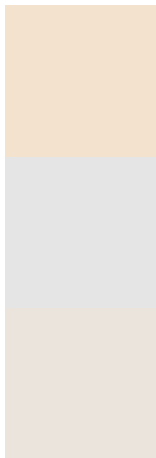
Deuteranomaly

77.3206, 77.7028, 71.2445

Tritanomaly

77.9090, 77.7339, 83.5709

Monochromacy



Original Color

74.9549, 77.7262, 69.4446

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.7262, 78.1997, 79.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9549, 77.7262, 69.4446 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(242, 226, 206)` looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 206)  
}
```

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(242, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 206) }
```

Border

The CSS property to change the border of an element to XYZ 74.9549, 77.7262, 69.4446 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(242, 226, 206) }
```


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

```
.border{ border-color:rgb(242, 226, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9549, 77.7262, 69.4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 206) }
```

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

```
.background{ background-color: rgb(242,  
226, 206) }
```

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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