

Converting Colors

XYZ(123.3811, 103.6097,
47.2944)

Have a look what the booklet for
XYZ(123.3811, 103.6097, 47.2944)
contains.

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Color

**XYZ(75.1421, 78.7714,
44.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3A1
RGB	255, 227, 161
RGB Percent	100%, 89%, 63%
CMY	0.0000, 0.1098, 0.3686
CMYK	0.00, 0.11, 0.37, 0.00
HSL	42°, 100%, 82%
HSV	42°, 37%, 100%
XYZ	75.1421, 78.7714, 44.9622
YIQ	227.8480, 37.8740, -14.5900

Conversions

Conversions Part 2

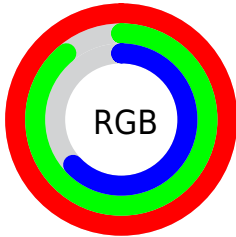
Format	Color
R _Y B	201, 255, 161
Decimal	16769953
CIE Lab	91.13, 0.56, 35.77
CIE LCh	91, 35.779, 89.105
Yxy	78.7714, 0.3778, 0.3961
Android (android.graphics.Color)	4294960033 (0xFFFFE3A1)
YUV	227.8480, -32.9561, 23.8123
Hunter-Lab	88.7533, -4.1929, 32.0911

Details

The XYZ color **75.1421, 78.7714, 44.9622** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9450, 51.1906, 101.8034**, and the grayscale version is **73.8473, 77.6931, 84.6078**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **40.5388, 42.4795, 20.5307** is the 20% darker color. If you saturate the color by 10%, you get **71.0879, 73.9020, 33.6253**, and if you desaturate by 10%, it is **79.7505, 84.0148, 58.7480**.

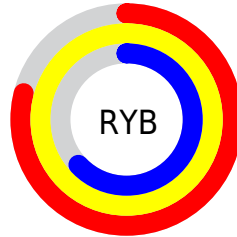
Distribution



Red (100%)

Green (89%)

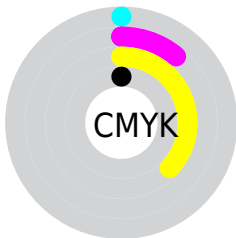
Blue (63%)



Red (79%)

Yellow (100%)

Blue (63%)

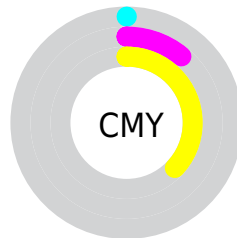


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1421, 78.7714, 44.9622 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 75.1421, 78.7714, 44.9622 by changing the saturation by 10% instead.


 75.1421, 78.7714,
44.9622


 75.1421, 78.7714,
44.9622

467.3955,
490.7827, 382.7761

 56.0239, 58.7079,
31.0849


 125.5003,
131.6370, 83.9815

 40.4592, 42.3780,
20.4045


 157.4711,
165.2078, 109.9607

 28.0825, 29.3974,
12.5024


194.4567,
204.0499, 140.8108

 18.5287, 19.3816,
6.9602

236.8225,
248.5476, 176.9506

 11.4322, 11.9464,
3.3591

284.9340,
299.0854, 218.7984

 6.4277, 6.7072,
1.2808

339.1564,

 3.1500, 3.2796,

356.0475, 266.7730

0.0460

399.8551,
419.8185, 321.2927

■ 1.2336, 1.2794,
0.0000

■ 0.1326, 0.1252,
0.0000

■ 75.1421, 78.7714,
44.9622

■ 75.1421, 78.7714,
44.9622

■ 71.0879, 73.9020,
33.6253

■ 79.7505, 84.0148,
58.7480

■ 67.5527, 69.3820,
24.5841

■ 84.9341, 89.6339,
75.1134

■ 64.5062, 65.2004,
17.6761

■ 90.7196, 95.6439,
94.1857

■ 61.9118, 61.3405,
12.7148

95.0500, 100.0000,
108.9000

■ 59.7269, 57.7833,
9.4813

■ 57.8977, 54.5052,
7.6988

■ 57.3718, 53.5237,
7.3073

Harmonies

Analogous

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



84.1661, 78.7714, 49.7144



75.1421, 78.7714, 44.9622



66.7198, 78.7714, 49.1750

Triad

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



75.1421, 78.7714, 44.9622



60.6702, 78.7714, 112.3680



90.8187, 78.7714, 113.9907

Complementary

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



75.1421, 78.7714, 44.9622



50.9450, 51.1906, 101.8034

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.



83.6580, 78.7714, 137.1031



75.1421, 78.7714, 44.9622



66.2846, 78.7714, 136.0412

Square

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



75.1421, 78.7714, 44.9622



58.7820, 78.7714, 84.9923



74.5983, 78.7714, 145.8796



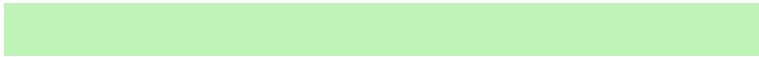
93.6539, 78.7714, 86.5498

Rectangle

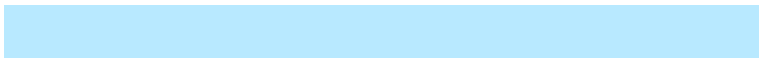
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1421, 78.7714, 44.9622



62.4700, 78.7714, 57.1015



74.5983, 78.7714, 145.8796



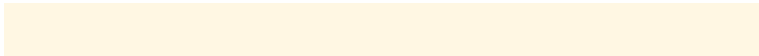
88.8107, 78.7714, 122.7118

Sweetspot

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



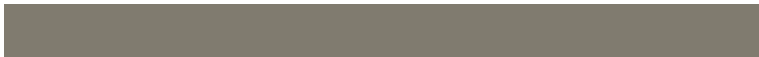
75.1441, 78.7750, 44.9638



88.2510, 93.1088, 85.9573



63.1924, 50.4334, 54.6629



18.7211, 19.7545, 17.8436



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

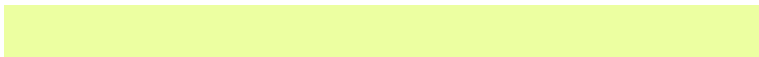
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1441, 78.7750, 44.9638



72.1942, 75.2599, 36.6288



76.8518, 91.9604, 47.4189



19.0777, 20.1235, 19.0231



30.1146, 28.2404, 3.8637



3.0276, 2.9405, 0.4080

Inverse Universe

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



50.9450, 51.1906, 101.8034



44.9105, 44.1765, 100.7676



49.5715, 42.3900, 100.1771



17.4439, 18.2594, 22.8550



10.8925, 6.6945, 50.1527



1.1509, 0.8326, 4.9133

Previews

White Background



This preview shows how the XYZ color 75.1421, 78.7714, 44.9622 looks on a white background.

Color Contrast Check

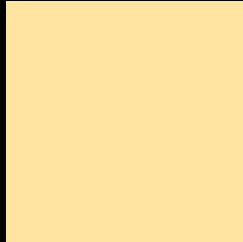
Large Text (above 18pt) WCAG AA × Fail

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 75.1421, 78.7714, 44.9622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

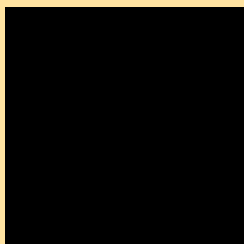
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1421, 78.7714, 44.9622

Background



This preview shows how black text looks on a background with the XYZ color 75.1421, 78.7714, 44.9622.



This preview shows how white text looks on a background with the XYZ color 75.1421, 78.7714,

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

75.1421, 78.7714, 44.9622

Protanopia

73.5298, 79.1587, 45.5861

Deuteranopia

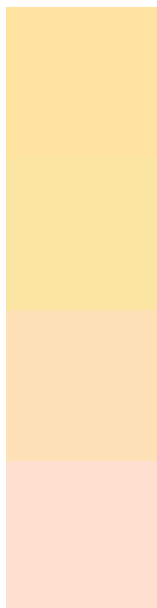
77.8595, 78.5568, 63.2839



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

75.1421, 78.7714, 44.9622

Protanomaly

74.3246, 79.1565, 45.5438

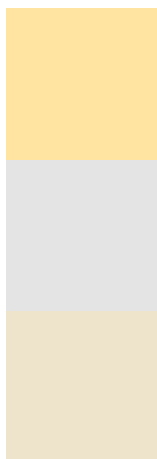
Deuteranomaly

76.7125, 78.5293, 55.9142

Tritanomaly

78.8902, 78.5403, 70.0333

Monochromacy



Original Color

75.1421, 78.7714, 44.9622

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.9024, 78.0236, 68.2917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1421, 78.7714, 44.9622 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(255, 227, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 161)  
}
```

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(255, 227, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 161) }
```

Border

The CSS property to change the border of an element to XYZ 75.1421, 78.7714, 44.9622 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(255, 227, 161) }
```


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

```
.border{ border-color:rgb(255, 227, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1421, 78.7714, 44.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 161) }
```

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

```
.background{ background-color: rgb(255,  
227, 161) }
```

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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