

Converting Colors

XYZ(74.4487, 79.9729, 49.0486)

Have a look what the booklet for
XYZ(74.4487, 79.9729, 49.0486)
contains.

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Color

**XYZ(74.4487, 79.9729,
49.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E7A9
RGB	248, 231, 169
RGB Percent	97%, 91%, 66%
CMY	0.0275, 0.0941, 0.3372
CMYK	0.00, 0.07, 0.32, 0.03
HSL	47°, 85%, 82%
HSV	47°, 32%, 97%
XYZ	74.4487, 79.9729, 49.0486
YIQ	229.0150, 30.0340, -15.6780

Conversions

Conversions Part 2

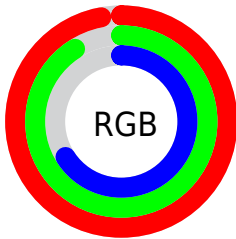
Format	Color
R_{YB}	191, 248, 169
Decimal	16312233
CIE Lab	91.67, -3.20, 32.33
CIE LCh	92, 32.486, 95.659
Yxy	79.9729, 0.3659, 0.3930
Android (android.graphics.Color)	4294502313 (0xFFFF8E7A9)
YUV	229.0150, -29.5874, 16.6498
Hunter-Lab	89.4276, -7.8965, 30.0803

Details

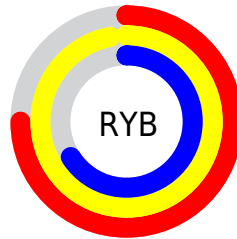
The XYZ color **74.4487, 79.9729, 49.0486** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.8639, 50.3286, 95.8404**, and the grayscale version is **74.6843, 78.5737, 85.5668**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **40.1636, 43.3880, 22.7809** is the 20% darker color. If you saturate the color by 10%, you get **70.8680, 76.1906, 37.4378**, and if you desaturate by 10%, it is **78.5206, 84.0302, 63.0035**.

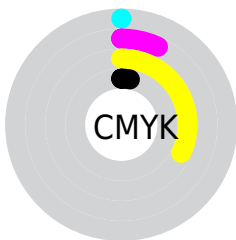
Distribution



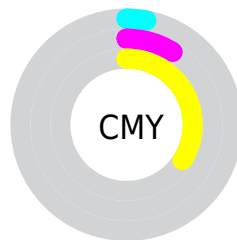
- Red (97%)
- Green (91%)
- Blue (66%)



- Red (75%)
- Yellow (97%)
- Blue (66%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4487, 79.9729, 49.0486 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 74.4487, 79.9729, 49.0486 by changing the saturation by 10% instead.

 74.4487, 79.9729,
49.0486

 74.4487, 79.9729,
49.0486


465.0470,
494.8415, 399.5616

 55.4539, 59.6961,
34.2922


 124.5238,
133.3276, 90.1454

 40.0006, 43.1737,
22.8390


156.3348,
167.1743, 117.3228

 27.7232, 30.0214,
14.2705


193.1486,
206.3130, 149.4776

 18.2565, 19.8548,
8.1681

235.3305,
251.1282, 187.0283

 11.2351, 12.2896,
4.1134

283.2460,
302.0043, 230.3936

 6.2936, 6.9412,
1.6878

337.2603,

 3.0668, 3.4254,

359.3256, 279.9918

0.3523

397.7389,
423.4765, 336.2417

■ 1.1892, 1.3576,
0.0000

■ 0.0978, 0.1852,
0.0000

■ 74.4487, 79.9729,
49.0486

■ 74.4487, 79.9729,
49.0486

■ 70.8680, 76.1906,
37.4378

■ 78.5206, 84.0302,
63.0035

■ 67.7471, 72.6614,
28.0341

■ 83.1010, 88.3616,
79.4192

■ 65.0598, 69.3774,
20.6941

■ 88.2139, 92.9800,
98.4104

■ 62.7751, 66.3252,
15.2551

■ 91.6804, 97.0146,
108.5013

■ 60.8570, 63.4899,
11.5301

■ 92.5214, 98.6964,
108.7817

■ 59.2623, 60.8534,
9.2937

■ 58.1486, 58.8308,
8.2907

Harmonies

Analogous

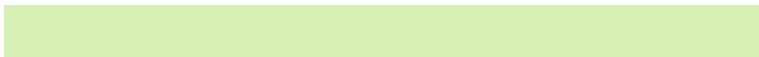
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7823, 79.9729, 51.7150



74.4487, 79.9729, 49.0486



67.0814, 79.9729, 54.9658

Triad

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



74.4487, 79.9729, 49.0486



63.7666, 79.9729, 116.5367



91.5018, 79.9729, 107.3096

Complementary

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



74.4487, 79.9729, 49.0486



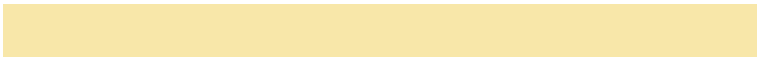
50.8639, 50.3286, 95.8404

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.



85.7017, 79.9729, 129.7495



74.4487, 79.9729, 49.0486



69.6210, 79.9729, 135.7195

Square

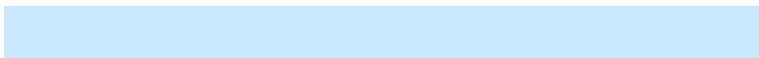
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4487, 79.9729, 49.0486



61.2087, 79.9729, 91.6629



77.5967, 79.9729, 140.9482



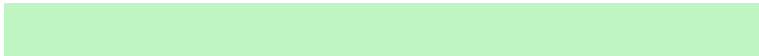
93.0277, 79.9729, 82.6465

Rectangle

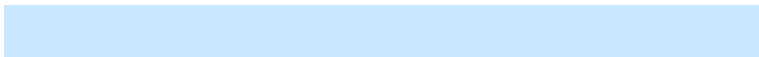
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4487, 79.9729, 49.0486



63.5795, 79.9729, 63.7515



77.5967, 79.9729, 140.9482



89.9677, 79.9729, 115.4935

Sweetspot

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



74.4507, 79.9765, 49.0503



89.4878, 95.0151, 88.1185



61.7753, 51.8834, 53.2790



18.9967, 20.1925, 18.2840



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

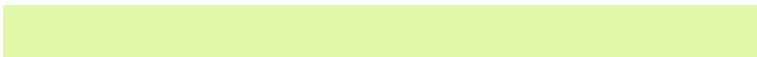
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4507, 79.9765, 49.0503



76.8873, 82.6663, 44.2967



71.9731, 86.1063, 50.3640



18.3920, 19.5198, 18.2607



31.5188, 31.9942, 4.5143



2.9952, 3.1152, 0.4434

Inverse Universe

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



50.8639, 50.3286, 95.8404



48.2792, 46.7172, 101.0805



52.7144, 46.2804, 94.9615



16.5857, 17.2481, 21.8404



9.9317, 5.2189, 48.4574



0.9937, 0.6312, 4.5126

Previews

White Background



This preview shows how the XYZ color 74.4487, 79.9729, 49.0486 looks on a white background.

Color Contrast Check

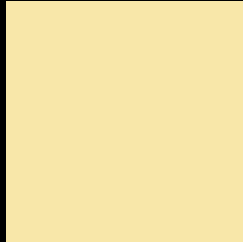
Large Text (above 18pt) WCAG AA × Fail

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 74.4487, 79.9729, 49.0486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

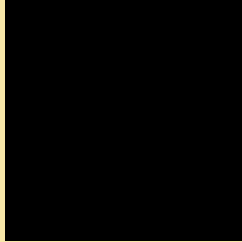
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4487, 79.9729, 49.0486

Background



This preview shows how black text looks on a background with the XYZ color 74.4487, 79.9729, 49.0486.



This preview shows how white text looks on a background with the XYZ color 74.4487, 79.9729,

49.0486.

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

74.4487, 79.9729, 49.0486

Protanopia

74.4487, 79.9729, 49.0486

Deuteranopia

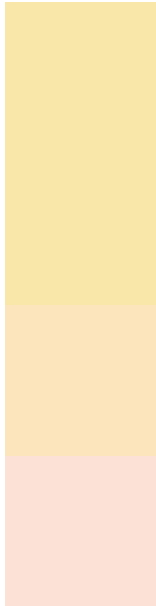
78.9790, 79.8698, 66.5121



Tritanopia

82.9413, 79.7345, 92.6802

Trichromacy



Original Color

74.4487, 79.9729, 49.0486

Protanomaly

74.4487, 79.9729, 49.0486

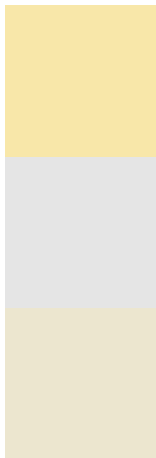
Deuteranomaly

77.0736, 79.8564, 59.4957

Tritanomaly

79.2077, 79.4009, 74.7695

Monochromacy



Original Color

74.4487, 79.9729, 49.0486

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1514, 78.9315, 70.3586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4487, 79.9729, 49.0486 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(248, 231, 169)` looks like.

```
.text, #text, p{  
    color:rgb(248, 231, 169)  
}
```

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(248, 231, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 231, 169) }
```

Border

The CSS property to change the border of an element to XYZ 74.4487, 79.9729, 49.0486 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(248, 231, 169) }
```


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

```
.border{ border-color:rgb(248, 231, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 231, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 231, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 231, 169);  
box-shadow:4px 4px 4px 4px rgb(248, 231,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4487, 79.9729, 49.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 231, 169) }
```

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

```
.background{ background-color: rgb(248,  
231, 169) }
```

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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