

Converting Colors

XYZ(74.6280, 78.8365, 41.4206)

Have a look what the booklet for
XYZ(74.6280, 78.8365, 41.4206)
contains.

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Color

**XYZ(74.7332, 79.0467,
41.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE499
RGB	255, 228, 153
RGB Percent	100%, 89%, 60%
CMY	0.0000, 0.1059, 0.4000
CMYK	0.00, 0.11, 0.40, 0.00
HSL	44°, 100%, 80%
HSV	44°, 40%, 100%
XYZ	74.7332, 79.0467, 41.4557
YIQ	227.5230, 40.1670, -17.6010

Conversions

Conversions Part 2

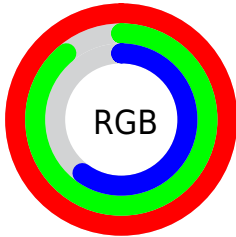
Format	Color
R _Y B	190, 255, 153
Decimal	16770201
CIE Lab	91.26, -0.82, 39.97
CIE LCh	91, 39.975, 91.173
Yxy	79.0467, 0.3828, 0.4049
Android (android.graphics.Color)	4294960281 (0xFFFFE499)
YUV	227.5230, -36.7398, 24.0973
Hunter-Lab	88.9082, -5.5484, 34.5903

Details

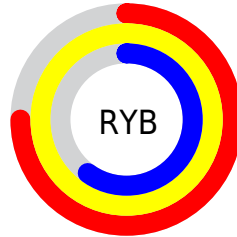
The XYZ color **74.7332, 79.0467, 41.4557** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.5078, 46.6334, 101.1050**, and the grayscale version is **73.6353, 77.4700, 84.3649**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **40.3185, 42.6970, 18.4283** is the 20% darker color. If you saturate the color by 10%, you get **71.0282, 74.6547, 30.9170**, and if you desaturate by 10%, it is **78.9647, 83.7711, 54.3920**.

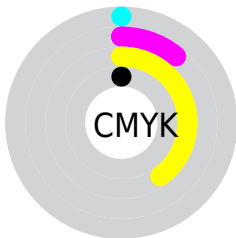
Distribution



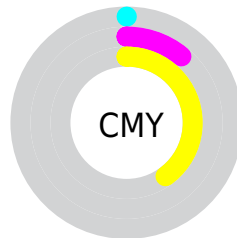
- Red (100%)
- Green (89%)
- Blue (60%)



- Red (75%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7332, 79.0467, 41.4557 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 74.7332, 79.0467, 41.4557 by changing the saturation by 10% instead.

 74.7332, 79.0467,
41.4557


 74.7332, 79.0467,
41.4557

466.0114,
491.7143, 367.9545

 55.6877, 58.9342,
28.3530


 124.9246,
132.0246, 78.6364

 40.1886, 42.5602,
18.3505


 156.8012,
165.6588, 103.5513

 27.8705, 29.5402,
11.0299

193.6855,
204.5690, 133.2408

 18.3680, 19.4898,
5.9725

235.9430,
249.1397, 168.1233

 11.3158, 12.0247,
2.7599

283.9390,
299.7551, 208.6174

 6.3485, 6.7605,
0.9734

338.0388,

 3.1008, 3.3128,

356.7998, 255.1416

0.0000

398.6078,
420.6581, 308.1145

■ 1.2073, 1.2971,
0.0000

■ 0.1121, 0.1390,
0.0000

■ 74.7332, 79.0467,
41.4557

■ 74.7332, 79.0467,
41.4557

■ 71.0282, 74.6547,
30.9170

■ 78.9647, 83.7711,
54.3920

■ 67.8141, 70.5708,
22.6183

■ 83.7439, 88.8289,
69.8602

■ 65.0597, 66.7841,
16.3910

■ 89.0981, 94.2352,
87.9903

■ 62.7271, 63.2781,
12.0401

95.0500, 100.0000,
108.9000

■ 60.7715, 60.0335,
9.3330

■ 59.1198, 57.0197,
7.8900

■ 59.1197, 57.0194,
7.8899

Harmonies

Analogous

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



84.9259, 79.0467, 45.8449



74.7332, 79.0467, 41.4557



65.4881, 79.0467, 46.6000

Triad

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



74.7332, 79.0467, 41.4557



59.6595, 79.0467, 118.3139



93.5319, 79.0467, 115.8836

Complementary

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



74.7332, 79.0467, 41.4557



47.5078, 46.6334, 101.1050

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.



85.6780, 79.0467, 143.2028



74.7332, 79.0467, 41.4557



66.1207, 79.0467, 144.8134

Square

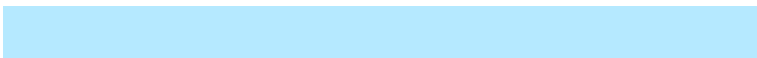
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7332, 79.0467, 41.4557



57.2821, 79.0467, 87.2163



75.5312, 79.0467, 154.8027



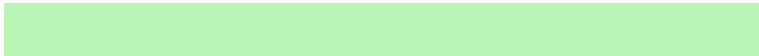
96.3499, 79.0467, 84.9307

Rectangle

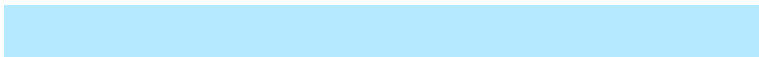
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7332, 79.0467, 41.4557



60.9482, 79.0467, 55.6020



75.5312, 79.0467, 154.8027



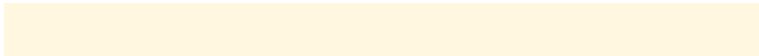
91.3604, 79.0467, 126.0208

Sweetspot

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



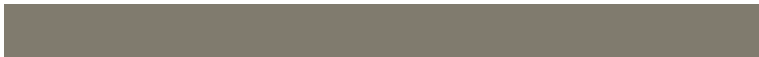
74.7352, 79.0504, 41.4573



87.9796, 93.1250, 84.1437



60.8904, 47.3468, 49.2174



18.6777, 19.7791, 17.4855



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

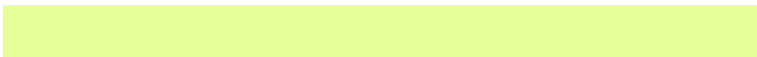
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7352, 79.0504, 41.4573



71.7288, 75.5080, 32.8397



74.5297, 90.8423, 43.7442



19.1306, 20.2294, 19.0407



31.0201, 30.0514, 4.1656



3.1098, 3.1050, 0.4354

Inverse Universe

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



47.5078, 46.6334, 101.1050



41.1137, 39.0818, 99.9844



47.5280, 39.3271, 99.6936



17.3939, 18.1594, 22.8383



10.5985, 6.1067, 50.0547



1.1168, 0.7642, 4.9019

Previews

White Background



This preview shows how the XYZ color 74.7332, 79.0467, 41.4557 looks on a white background.

Color Contrast Check

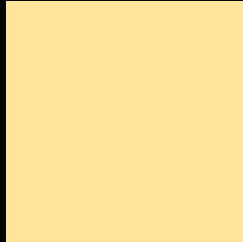
Large Text (above 18pt) WCAG AA × Fail

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 74.7332, 79.0467, 41.4557 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 74.7332, 79.0467, 41.4557

Background



This preview shows how black text looks on a background with the XYZ color 74.7332, 79.0467, 41.4557.



This preview shows how white text looks on a background with the XYZ color 74.7332, 79.0467,

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

74.7332, 79.0467, 41.4557

Protanopia

73.1965, 79.0665, 41.9753

Deuteranopia

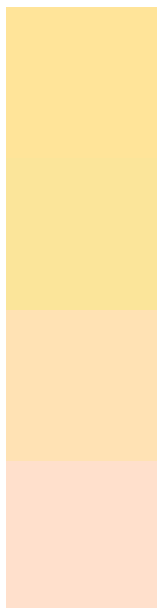
78.0155, 79.0506, 62.7762



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

74.7332, 79.0467, 41.4557

Protanomaly

73.6357, 78.8809, 41.9164

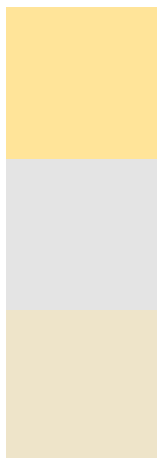
Deuteranomaly

76.6746, 78.9480, 54.3773

Tritanomaly

78.7947, 78.9309, 68.2090

Monochromacy



Original Color

74.7332, 79.0467, 41.4557

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5459, 77.8810, 66.4146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7332, 79.0467, 41.4557 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, 228, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 153)  
}
```

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, 228, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 153) }
```

Border

The CSS property to change the border of an element to XYZ 74.7332, 79.0467, 41.4557 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, 228, 153) }
```


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

```
.border{ border-color:rgb(255, 228, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7332, 79.0467, 41.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 153) }
```

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

```
.background{ background-color: rgb(255,  
228, 153) }
```

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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