

Converting Colors

XYZ(79.6899, 78.1300, 44.3692)

Have a look what the booklet for
XYZ(79.6899, 78.1300, 44.3692)
contains.

XYZ(73.0045, 74.4962, 44.2497)	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(73.0045, 74.4962,
44.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBA1
RGB	255, 219, 161
RGB Percent	100%, 86%, 63%
CMY	0.0000, 0.1412, 0.3686
CMYK	0.00, 0.14, 0.37, 0.00
HSL	37°, 100%, 82%
HSV	37°, 37%, 100%
XYZ	73.0045, 74.4962, 44.2497
YIQ	223.1520, 40.0740, -10.4060

Conversions

Conversions Part 2

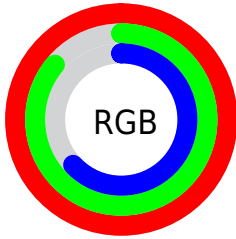
Format	Color
R _Y B	219, 255, 161
Decimal	16767905
CIE Lab	89.16, 4.64, 33.16
CIE LCh	89, 33.485, 82.030
Yxy	74.4962, 0.3807, 0.3885
Android (android.graphics.Color)	4294957985 (0xFFFFDBA1)
YUV	223.1520, -30.6409, 27.9307
Hunter-Lab	86.3112, -0.0641, 30.0212

Details

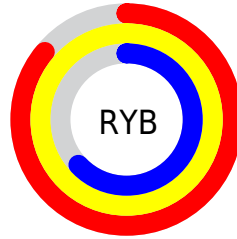
The XYZ color **73.0045, 74.4962, 44.2497** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.7136, 54.7278, 102.3929**, and the grayscale version is **70.4399, 74.1082, 80.7039**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **39.0617, 39.5254, 20.0384** is the 20% darker color. If you saturate the color by 10%, you get **68.5085, 68.7432, 32.7655**, and if you desaturate by 10%, it is **78.1123, 80.7384, 58.2019**.

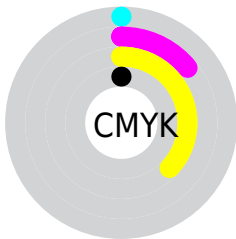
Distribution



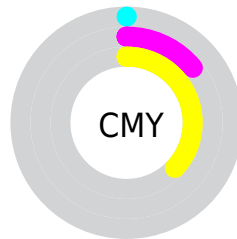
- Red (100%)
- Green (86%)
- Blue (63%)



- Red (86%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0045, 74.4962, 44.2497 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 73.0045, 74.4962, 44.2497 by changing the saturation by 10% instead.


 73.0045, 74.4962,
44.2497


 73.0045, 74.4962,
44.2497

460.1340,
476.1842, 379.7974

 54.2680, 55.2003,
30.5282


 122.4867,
125.5990, 82.8998

 39.0475, 39.5621,
19.9844


 153.9631,
158.1746, 108.6656

 26.9776, 27.1973,
12.1998


190.4169,
195.9455, 139.2831

 17.6929, 17.7214,
6.7557

232.2135,
239.2962, 175.1711

 10.8281, 10.7502,
3.2337

279.7181,
288.6110, 216.7479

 6.0178, 5.8991,
1.2151

333.2961,

 2.8967, 2.7838,

344.2743, 264.4322

0.0000

393.3130,
406.6706, 318.6426

■ 1.0994, 1.0199,
0.0000

■ 0.0246, 0.0000,
0.0000

■ 73.0045, 74.4962,
44.2497

■ 73.0045, 74.4962,
44.2497

■ 68.5085, 68.7432,
32.7655

■ 78.1123, 80.7384,
58.2019

■ 64.5881, 63.4528,
23.5959

■ 83.8545, 87.4748,
74.7535

■ 61.2113, 58.6108,
16.5778

■ 90.2591, 94.7230,
94.0321

■ 58.3404, 54.1976,
11.5243

95.0500, 100.0000,
108.9000

■ 55.9309, 50.1912,
8.2160

■ 53.9275, 46.5650,
6.3754

■ 53.3572, 45.4945,
5.9691

Harmonies

Analogous

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



80.9067, 74.4962, 50.5919



73.0045, 74.4962, 44.2497



65.0817, 74.4962, 46.1781

Triad

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



73.0045, 74.4962, 44.2497



57.2330, 74.4962, 99.1665



83.9120, 74.4962, 112.0252

Complementary

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



73.0045, 74.4962, 44.2497



52.7136, 54.7278, 102.3929

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.



76.8573, 74.4962, 130.3144



73.0045, 74.4962, 44.2497



61.5838, 74.4962, 121.9525

Square

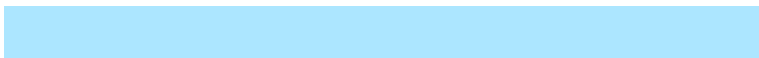
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0045, 74.4962, 44.2497



56.3746, 74.4962, 75.0408



68.6529, 74.4962, 134.2594



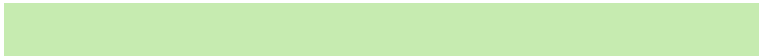
87.5123, 74.4962, 87.5058

Rectangle

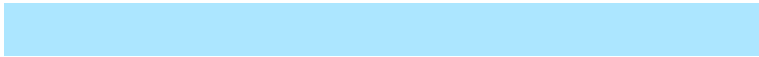
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0045, 74.4962, 44.2497



60.8109, 74.4962, 52.1011



68.6529, 74.4962, 134.2594



81.8413, 74.4962, 119.2856

Sweetspot

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



73.0064, 74.4997, 44.2512



87.5269, 91.6607, 85.7160



64.0672, 50.7833, 59.2696



18.5482, 19.4086, 17.7859



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.



73.0064, 74.4997, 44.2512



69.7354, 70.3424, 35.8092



79.5130, 93.3323, 47.5434



18.9428, 19.8538, 18.9781



28.0292, 24.0696, 3.1686



2.8348, 2.5550, 0.3438

Inverse Universe

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



52.7136, 54.7278, 102.3929



46.8522, 48.0600, 101.4149



47.8016, 41.4776, 100.0942



17.5732, 18.5179, 22.8981



11.8294, 8.5684, 50.4650



1.2535, 1.0377, 4.9475

Previews

White Background



This preview shows how the XYZ color 73.0045, 74.4962, 44.2497 looks on a white background.

Color Contrast Check

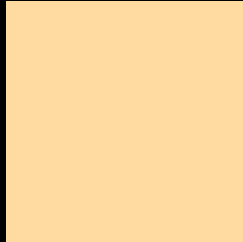
Large Text (above 18pt) WCAG AA × Fail

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 73.0045, 74.4962, 44.2497 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 73.0045, 74.4962, 44.2497

Background



This preview shows how black text looks on a background with the XYZ color 73.0045, 74.4962, 44.2497.



This preview shows how white text looks on a background with the XYZ color 73.0045, 74.4962,

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

73.0045, 74.4962, 44.2497

Protanopia

69.5421, 74.6564, 45.3952

Deuteranopia

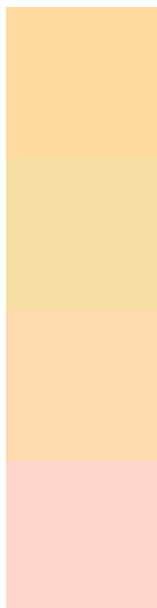
74.4964, 74.2631, 54.6638



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

73.0045, 74.4962, 44.2497

Protanomaly

70.6489, 74.4440, 44.8280

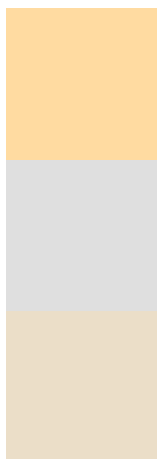
Deuteranomaly

73.9514, 74.4588, 50.5187

Tritanomaly

76.2011, 74.1251, 66.1685

Monochromacy



Original Color

73.0045, 74.4962, 44.2497

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8076, 74.0749, 65.2095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0045, 74.4962, 44.2497 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, 219, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 161) }
```

Border

The CSS property to change the border of an element to XYZ 73.0045, 74.4962, 44.2497 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, 219, 161) }
```


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

```
.border{ border-color:rgb(255, 219, 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, 219, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0045, 74.4962, 44.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 161) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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