

Converting Colors

XYZ(94.0862, 83.8746, 45.2778)

Have a look what the booklet for
XYZ(94.0862, 83.8746, 45.2778)
contains.

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Color

**XYZ(72.0620, 72.4695,
44.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7A2
RGB	255, 215, 162
RGB Percent	100%, 84%, 64%
CMY	0.0000, 0.1568, 0.3647
CMYK	0.00, 0.16, 0.36, 0.00
HSL	34°, 100%, 82%
HSV	34°, 36%, 100%
XYZ	72.0620, 72.4695, 44.3724
YIQ	220.9180, 40.8530, -8.0030

Conversions

Conversions Part 2

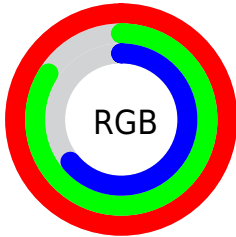
Format	Color
R _{YB}	232, 255, 162
Decimal	16766882
CIE Lab	88.19, 6.81, 31.37
CIE LCh	88, 32.097, 77.747
Yxy	72.4695, 0.3815, 0.3836
Android (android.graphics.Color)	4294956962 (0xFFFFD7A2)
YUV	220.9180, -29.0466, 29.8899
Hunter-Lab	85.1290, 2.1251, 28.6862

Details

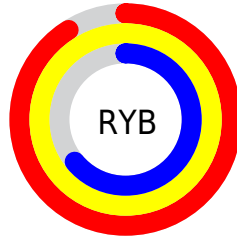
The XYZ color **72.0620, 72.4695, 44.3724** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0702, 57.1405, 102.7871**, and the grayscale version is **68.8486, 72.4341, 78.8807**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **38.4112, 38.1377, 20.0887** is the 20% darker color. If you saturate the color by 10%, you get **67.3221, 66.2568, 32.7207**, and if you desaturate by 10%, it is **77.4524, 79.2472, 58.5101**.

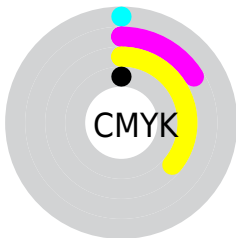
Distribution



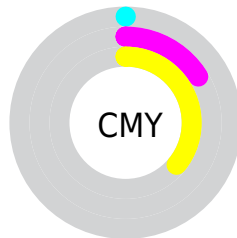
- Red (100%)
- Green (84%)
- Blue (64%)



- Red (91%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0620, 72.4695, 44.3724 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 72.0620, 72.4695, 44.3724 by changing the saturation by 10% instead.


 72.0620, 72.4695,
44.3724


 72.0620, 72.4695,
44.3724


456.9117,
469.1741, 380.3115

 53.4950, 53.5423,
30.6240


 121.1550,
122.7238, 83.0863

 38.4271, 38.2359,
20.0567


 152.4117,
154.8197, 108.8888

 26.4931, 26.1658,
12.2518


188.6289,
192.0739, 139.5466

 17.3275, 16.9477,
6.7908

230.1722,
234.8709, 175.4780

 10.5650, 10.1972,
3.2551

277.4067,
283.5950, 217.1017

 5.8403, 5.5299,
1.2263

330.6979,

 2.7879, 2.5614,

338.6307, 264.8361

0.0003

390.4111,
400.3622, 319.0999

■ 1.0426, 0.9073,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.0620, 72.4695,
44.3724

■ 72.0620, 72.4695,
44.3724

■ 67.3221, 66.2568,
32.7207

■ 77.4524, 79.2472,
58.5101

■ 63.1957, 60.5804,
23.4020

■ 83.5170, 86.5972,
75.2653

■ 59.6497, 55.4240,
16.2533

■ 90.2847, 94.5390,
94.7655

■ 56.6453, 50.7656,
11.0885

95.0500, 100.0000,
108.9000

■ 54.1373, 46.5809,
7.6893

■ 52.0699, 42.8409,
5.7832

■ 51.4171, 41.6142,
5.3224

Harmonies

Analogous

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



79.2949, 72.4695, 51.5589



72.0620, 72.4695, 44.3724



64.4759, 72.4695, 45.0911

Triad

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



72.0620, 72.4695, 44.3724



55.7506, 72.4695, 92.5139



80.3995, 72.4695, 110.8991

Complementary

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



72.0620, 72.4695, 44.3724



54.0702, 57.1405, 102.7871

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.



73.4804, 72.4695, 126.4318



72.0620, 72.4695, 44.3724



59.4196, 72.4695, 114.5351

Square

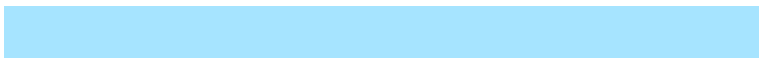
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0620, 72.4695, 44.3724



55.4330, 72.4695, 70.2671



65.7932, 72.4695, 127.8740



84.3430, 72.4695, 88.2276

Rectangle

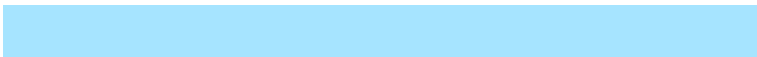
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0620, 72.4695, 44.3724



60.2292, 72.4695, 49.9662



65.7932, 72.4695, 127.8740



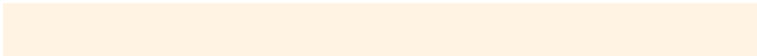
78.3220, 72.4695, 117.2971

Sweetspot

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



72.0638, 72.4729, 44.3739



87.1300, 90.8669, 85.5837



64.8570, 51.3799, 62.5632



18.4535, 19.2192, 17.7543



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.



72.0638, 72.4729, 44.3739



68.4348, 67.7411, 35.3757



81.2774, 94.2317, 48.0881



18.8688, 19.7058, 18.9534



27.0178, 22.0468, 2.8315



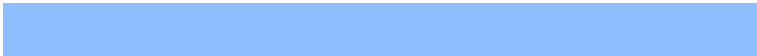
2.7392, 2.3637, 0.3119

Inverse Universe

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



54.0702, 57.1405, 102.7871



47.9851, 50.3258, 101.7925



47.1622, 41.4084, 100.1146



17.6454, 18.6624, 22.9221



12.4674, 9.8444, 50.6776



1.3198, 1.1704, 4.9696

Previews

White Background



This preview shows how the XYZ color 72.0620, 72.4695, 44.3724 looks on a white background.

Color Contrast Check

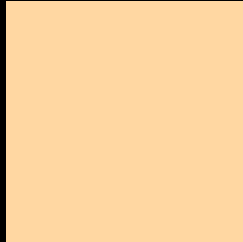
Large Text (above 18pt) WCAG AA × Fail

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 72.0620, 72.4695, 44.3724 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 72.0620, 72.4695, 44.3724

Background



This preview shows how black text looks on a background with the XYZ color 72.0620, 72.4695, 44.3724.



This preview shows how white text looks on a background with the XYZ color 72.0620, 72.4695,

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

72.0620, 72.4695, 44.3724

Protanopia

67.5730, 72.4340, 46.0170

Deuteranopia

73.0244, 72.4483, 50.6926



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

72.0620, 72.4695, 44.3724

Protanomaly

69.3406, 72.5765, 45.4760

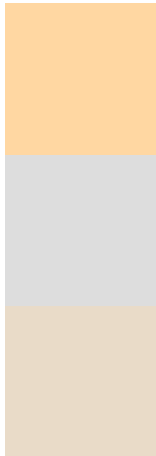
Deuteranomaly

72.5423, 72.2554, 48.1535

Tritanomaly

75.3261, 72.5640, 65.2945

Monochromacy



Original Color

72.0620, 72.4695, 44.3724

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.3611, 72.1568, 64.9155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0620, 72.4695, 44.3724 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, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 162)  
}
```

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, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 162) }
```

Border

The CSS property to change the border of an element to XYZ 72.0620, 72.4695, 44.3724 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, 215, 162) }
```


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

```
.border{ border-color:rgb(255, 215, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 215, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0620, 72.4695, 44.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 162) }
```

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

```
.background{ background-color: rgb(255,  
215, 162) }
```

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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