

Converting Colors

XYZ(72.5872, 74.1641, 44.2810)

Have a look what the booklet for
XYZ(72.5872, 74.1641, 44.2810)
contains.

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Color

**XYZ(72.6376, 74.3071,
44.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDBA1
RGB	254, 219, 161
RGB Percent	100%, 86%, 63%
CMY	0.0039, 0.1412, 0.3686
CMYK	0.00, 0.14, 0.37, 0.00
HSL	37°, 98%, 81%
HSV	37°, 37%, 100%
XYZ	72.6376, 74.3071, 44.2325
YIQ	222.8530, 39.4780, -10.6180

Conversions

Conversions Part 2

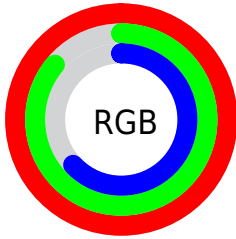
Format	Color
R_{YB}	217, 254, 161
Decimal	16702369
CIE _{Lab}	89.07, 4.26, 33.03
CIE _{LCh}	89, 33.301, 82.654
Yxy	74.3071, 0.3799, 0.3887
Android (android.graphics.Color)	4294892449 (0xFFFE _{DBA1})
YUV	222.8530, -30.4935, 27.3159
Hunter-Lab	86.2016, -0.4400, 29.9177

Details

The XYZ color **72.6376, 74.3071, 44.2325** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.3267, 54.2109, 101.4718**, and the grayscale version is **70.2265, 73.8838, 80.4594**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **38.8007, 39.3908, 20.0262** is the 20% darker color. If you saturate the color by 10%, you get **68.1995, 68.6587, 32.8025**, and if you desaturate by 10%, it is **77.6776, 80.4308, 58.1094**.

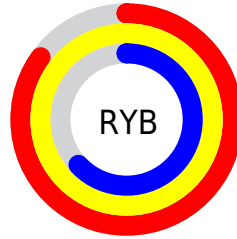
Distribution



Red (100%)

Green (86%)

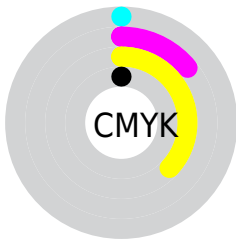
Blue (63%)



Red (85%)

Yellow (100%)

Blue (63%)

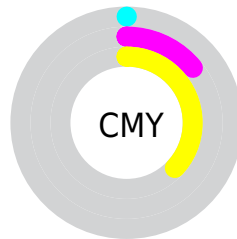


Cyan (0%)

Magenta (14%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6376, 74.3071, 44.2325 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 72.6376, 74.3071, 44.2325 by changing the saturation by 10% instead.


 72.6376, 74.3071,
44.2325


 72.6376, 74.3071,
44.2325


458.8811,
475.5326, 379.7253

 53.9670, 55.0454,
30.5148


 121.9685,
125.3310, 82.8737

 38.8059, 39.4381,
19.9743


 153.3595,
157.8621, 108.6343

 26.7888, 27.1007,
12.1925


189.7214,
195.5851, 139.2462

 17.5504, 17.6489,
6.7508

231.4195,
238.8844, 175.1280

 10.7254, 10.6982,
3.2307

278.8192,
288.1444, 216.6983

 5.9484, 5.8643,
1.2136

332.2857,

 2.8541, 2.7627,

343.7495, 264.3756

0.0000

392.1846,
406.0841, 318.5784

■ 1.0771, 1.0091,
0.0000

■ 0.0058, 0.0000,
0.0000

■ 72.6376, 74.3071,
44.2325

■ 72.6376, 74.3071,
44.2325

■ 68.1995, 68.6587,
32.8025

■ 77.6776, 80.4308,
58.1094

■ 64.3277, 63.4593,
23.6680

■ 83.3417, 87.0343,
74.5632

■ 60.9907, 58.6953,
16.6679

■ 89.6575, 94.1348,
93.7200

■ 58.1513, 54.3476,
11.6178

94.6830, 99.8108,
108.8828

■ 55.7661, 50.3948,
8.3015

■ 53.7809, 46.8111,
6.4479

■ 53.1724, 45.6696,
6.0126

Harmonies

Analogous

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



80.5057, 74.3071, 50.3674



72.6376, 74.3071, 44.2325



64.7943, 74.3071, 46.3212

Triad

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



72.6376, 74.3071, 44.2325



57.2024, 74.3071, 99.3389



83.7505, 74.3071, 111.1060

Complementary

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



72.6376, 74.3071, 44.2325



52.3267, 54.2109, 101.4718

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.



76.7989, 74.3071, 129.4654



72.6376, 74.3071, 44.2325



61.5908, 74.3071, 121.8159

Square

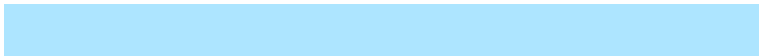
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6376, 74.3071, 44.2325



56.2742, 74.3071, 75.3355



68.6532, 74.3071, 133.7195



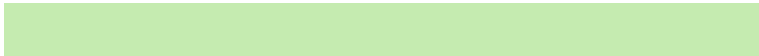
87.2329, 74.3071, 86.7483

Rectangle

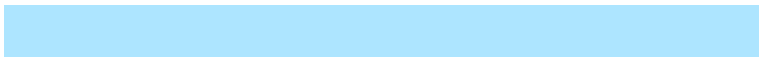
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6376, 74.3071, 44.2325



60.5875, 74.3071, 52.3286



68.6532, 74.3071, 133.7195



81.7177, 74.3071, 118.3604

Sweetspot

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



72.6395, 74.3106, 44.2340



87.5831, 91.7730, 85.7347



63.6564, 50.5765, 59.0212



18.5616, 19.4353, 17.7904



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.



72.6395, 74.3106, 44.2340



69.9220, 70.7156, 35.8714



78.8890, 92.5383, 47.4230



18.9533, 19.8748, 18.9816



28.1797, 24.3706, 3.2188



2.8489, 2.5832, 0.3485

Inverse Universe

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



52.3267, 54.2109, 101.4718



46.6960, 47.7476, 101.3628



47.6154, 41.4001, 99.2473



17.5630, 18.4977, 22.8947



11.7466, 8.4027, 50.4374



1.2447, 1.0201, 4.9446

Previews

White Background



This preview shows how the XYZ color 72.6376, 74.3071, 44.2325 looks on a white background.

Color Contrast Check

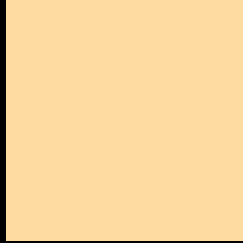
Large Text (above 18pt) WCAG AA × Fail

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 72.6376, 74.3071, 44.2325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

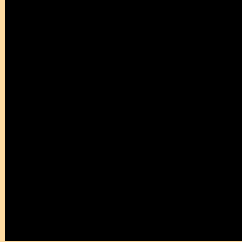
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6376, 74.3071, 44.2325

Background



This preview shows how black text looks on a background with the XYZ color 72.6376, 74.3071, 44.2325.



This preview shows how white text looks on a background with the XYZ color 72.6376, 74.3071,

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

72.6376, 74.3071, 44.2325

Protanopia

69.5421, 74.6564, 45.3952

Deuteranopia

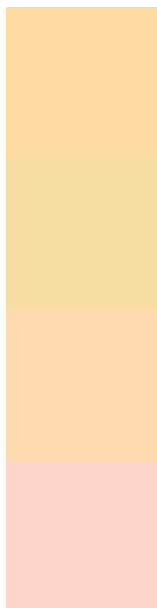
74.3933, 74.2219, 54.1214



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

72.6376, 74.3071, 44.2325

Protanomaly

70.6489, 74.4440, 44.8280

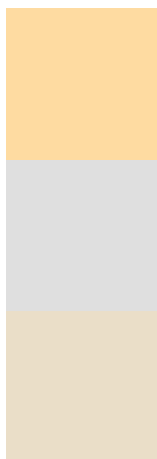
Deuteranomaly

73.9514, 74.4588, 50.5187

Tritanomaly

76.2011, 74.1251, 66.1685

Monochromacy



Original Color

72.6376, 74.3071, 44.2325

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.4783, 73.9051, 65.1941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6376, 74.3071, 44.2325 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(254, 219, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 219, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 161) }
```

Border

The CSS property to change the border of an element to XYZ 72.6376, 74.3071, 44.2325 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(254, 219, 161) }
```


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

```
.border{ border-color:rgb(254, 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(254, 219, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6376, 74.3071, 44.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 161) }
```

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

```
.background{ background-color: rgb(254,  
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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