

Converting Colors

XYZ(72.0336, 73.8700, 47.1816)

Have a look what the booklet for
XYZ(72.0336, 73.8700, 47.1816)
contains.

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Color

**XYZ(72.0902, 73.9623,
47.0358)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDBA7
RGB	251, 219, 167
RGB Percent	98%, 86%, 65%
CMY	0.0157, 0.1412, 0.3451
CMYK	0.00, 0.13, 0.33, 0.02
HSL	37°, 91%, 82%
HSV	37°, 33%, 98%
XYZ	72.0902, 73.9623, 47.0358
YIQ	222.6400, 35.7640, -9.3880

Conversions

Conversions Part 2

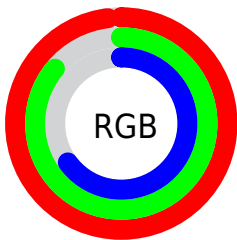
Format	Color
R _Y B	219, 251, 167
Decimal	16505767
CIE Lab	88.90, 3.81, 29.68
CIE LCh	89, 29.925, 82.688
Yxy	73.9623, 0.3734, 0.3830
Android (android.graphics.Color)	4294695847 (0xFFFBDBA7)
YUV	222.6400, -27.4305, 24.8717
Hunter-Lab	86.0013, -0.8756, 27.7741

Details

The XYZ color **72.0902, 73.9623, 47.0358** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7717, 56.0255, 99.2467**, and the grayscale version is **70.0560, 73.7044, 80.2641**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **38.3623, 39.1262, 21.7499** is the 20% darker color. If you saturate the color by 10%, you get **67.5689, 68.2795, 35.1706**, and if you desaturate by 10%, it is **77.2089, 80.1186, 61.3235**.

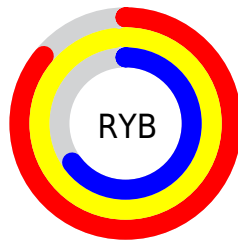
Distribution



Red (98%)

Green (86%)

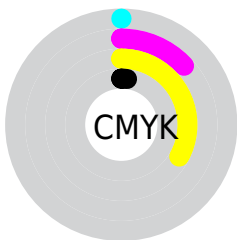
Blue (65%)



Red (86%)

Yellow (98%)

Blue (65%)

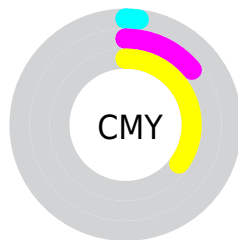


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0902, 73.9623, 47.0358 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 72.0902, 73.9623, 47.0358 by changing the saturation by 10% instead.


 72.0902, 73.9623,
47.0358


 72.0902, 73.9623,
47.0358

457.0083,
474.3432, 391.3553

 53.5181, 54.7632,
32.7094


 121.1949,
124.8424, 87.1176

 38.4457, 39.2122,
21.6346

 152.4581,
157.2921, 113.7101

 26.5075, 26.9248,
13.3929


188.6825,
194.9275, 145.2284

 17.3384, 17.5168,
7.5658

230.2333,
238.1330, 182.0909

 10.5728, 10.6036,
3.7346

277.4760,
287.2929, 224.7164

 5.8456, 5.8010,
1.4809

330.7758,

 2.7912, 2.7244,

342.7916, 273.5232

0.2036

390.4981,
405.0136, 328.9300

■ 1.0443, 0.9896,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.0902, 73.9623,
47.0358

■ 72.0902, 73.9623,
47.0358

■ 67.5689, 68.2795,
35.1706

■ 77.2089, 80.1186,
61.3235

■ 63.6108, 63.0447,
25.5848

■ 82.9458, 86.7525,
78.1566

■ 60.1865, 58.2450,
18.1273

■ 89.3273, 93.8807,
97.6551

■ 57.2611, 53.8622,
12.6263

■ 93.5937, 99.2492,
108.8318

■ 54.7945, 49.8763,
8.8832

■ 52.7381, 46.2637,
6.6563

■ 51.5713, 44.0846,
5.7911

Harmonies

Analogous

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



79.1029, 73.9623, 52.7407



72.0902, 73.9623, 47.0358



65.0517, 73.9623, 48.9966

Triad

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



72.0902, 73.9623, 47.0358



58.1922, 73.9623, 96.9551



81.9942, 73.9623, 107.2724

Complementary

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



72.0902, 73.9623, 47.0358



53.7717, 56.0255, 99.2467

Split Complementary

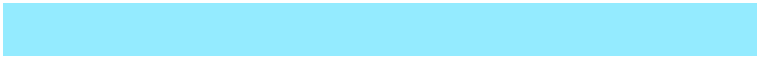
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8210, 73.9623, 123.3269



72.0902, 73.9623, 47.0358



62.1737, 73.9623, 116.6910

Square

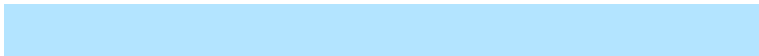
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0902, 73.9623, 47.0358



57.3442, 73.9623, 75.5517



68.5376, 73.9623, 127.0413



85.0711, 73.9623, 85.7273

Rectangle

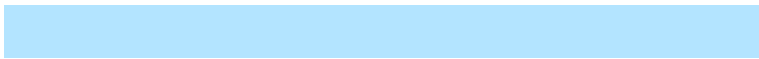
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0902, 73.9623, 47.0358



61.2542, 73.9623, 54.5793



68.5376, 73.9623, 127.0413



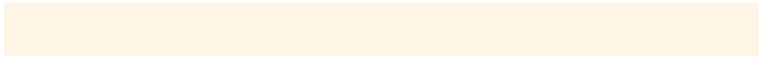
80.1929, 73.9623, 113.6318

Sweetspot

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



72.0921, 73.9657, 47.0373



88.1922, 92.4240, 87.6867



63.9349, 52.2803, 60.8768



18.6822, 19.5636, 18.1792



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.



72.0921, 73.9657, 47.0373



71.5840, 72.7484, 40.4060



77.8164, 90.5205, 49.9310



18.1396, 19.0151, 18.1766



27.2531, 23.4628, 3.0924



2.6264, 2.3777, 0.3205

Inverse Universe

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



53.7717, 56.0255, 99.2467



50.0036, 51.6258, 101.9371



49.3180, 43.9270, 97.1462



16.8249, 17.7266, 21.9201



11.4619, 8.2794, 48.9675



1.1603, 0.9643, 4.5681

Previews

White Background



This preview shows how the XYZ color 72.0902, 73.9623, 47.0358 looks on a white background.

Color Contrast Check

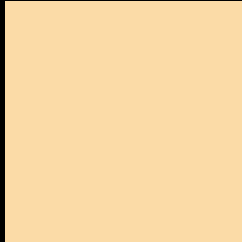
Large Text (above 18pt) WCAG AA × Fail

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 72.0902, 73.9623, 47.0358 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 72.0902, 73.9623, 47.0358

Background



This preview shows how black text looks on a background with the XYZ color 72.0902, 73.9623, 47.0358.



This preview shows how white text looks on a background with the XYZ color 72.0902, 73.9623,

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

72.0902, 73.9623, 47.0358

Protanopia

69.1457, 73.9906, 48.1734

Deuteranopia

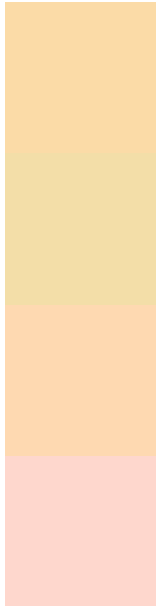
74.2394, 73.7491, 54.5781



Tritanopia

78.6486, 73.8930, 82.7906

Trichromacy



Original Color

72.0902, 73.9623, 47.0358

Protanomaly

70.1513, 74.1244, 47.6559

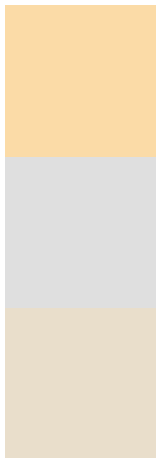
Deuteranomaly

73.6217, 73.8709, 51.9732

Tritanomaly

76.1929, 74.0795, 68.0406

Monochromacy



Original Color

72.0902, 73.9623, 47.0358

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.5050, 73.8780, 67.0438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0902, 73.9623, 47.0358 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(251, 219, 167)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 167)  
}
```

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(251, 219, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 167) }
```

Border

The CSS property to change the border of an element to XYZ 72.0902, 73.9623, 47.0358 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(251, 219, 167) }
```


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

```
.border{ border-color:rgb(251, 219, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 219, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 219, 167); box-shadow:4px 4px 4px 4px rgb(251, 219, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0902, 73.9623, 47.0358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 167) }
```

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

```
.background{ background-color: rgb(251,  
219, 167) }
```

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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