

Converting Colors

XYZ(85.8350, 81.1676, 43.3671)

Have a look what the booklet for
XYZ(85.8350, 81.1676, 43.3671)
contains.

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Color

**XYZ(72.7431, 74.3917,
42.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9E
RGB	255, 219, 158
RGB Percent	100%, 86%, 62%
CMY	0.0000, 0.1412, 0.3804
CMYK	0.00, 0.14, 0.38, 0.00
HSL	38°, 100%, 81%
HSV	38°, 38%, 100%
XYZ	72.7431, 74.3917, 42.8728
YIQ	222.8100, 41.0370, -11.3390

Conversions

Conversions Part 2

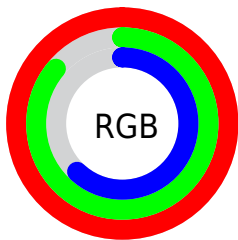
Format	Color
RYP	215, 255, 158
Decimal	16767902
CIELab	89.11, 4.31, 34.63
CIElCh	89, 34.896, 82.910
Yxy	74.3917, 0.3828, 0.3915
Android (android.graphics.Color)	4294957982 (0xFFFFDB9E)
YUV	222.8100, -31.9513, 28.2306
Hunter-Lab	86.2506, -0.3931, 30.9040

Details

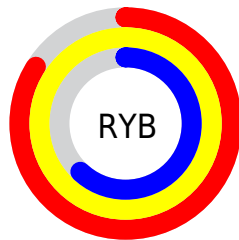
The XYZ color **72.7431, 74.3917, 42.8728** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4417, 53.0709, 102.1402**, and the grayscale version is **70.2052, 73.8614, 80.4350**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **38.9029, 39.4618, 19.2022** is the 20% darker color. If you saturate the color by 10%, you get **68.3735, 68.8082, 31.6880**, and if you desaturate by 10%, it is **77.7122, 80.4450, 56.5058**.

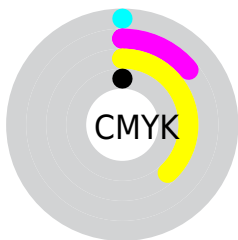
Distribution



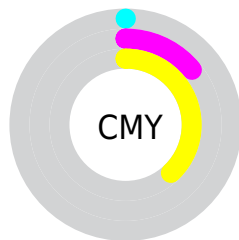
- Red (100%)
- Green (86%)
- Blue (62%)



- Red (84%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7431, 74.3917, 42.8728 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 72.7431, 74.3917, 42.8728 by changing the saturation by 10% instead.


 72.7431, 74.3917,
42.8728


 72.7431, 74.3917,
42.8728


459.2415,
475.8242, 373.9942

 54.0536, 55.1147,
29.4547


 122.1175,
125.4509, 80.8032

 38.8753, 39.4936,
19.1765


 153.5331,
158.0019, 106.1525

 26.8430, 27.1439,
11.6198

189.9215,
195.7464, 136.3159

 17.5914, 17.6813,
6.3660

231.6479,
239.0686, 171.7121

 10.7549, 10.7214,
2.9965

279.0778,
288.3532, 212.7594

 5.9683, 5.8798,
1.0928

332.5764,

 2.8663, 2.7722,

343.9843, 259.8766

0.0000

392.5092,
406.3465, 313.4820

■ 1.0835, 1.0140,
0.0000

■ 0.0112, 0.0000,
0.0000

■ 72.7431, 74.3917,
42.8728

■ 72.7431, 74.3917,
42.8728

■ 68.3735, 68.8082,
31.6880

■ 77.7122, 80.4450,
56.5058

■ 64.5672, 63.6680,
22.7966

■ 83.3034, 86.9727,
72.7198

■ 61.2920, 58.9575,
16.0332

■ 89.5448, 93.9920,
91.6434

■ 58.5097, 54.6572,
11.2077

95.0500, 100.0000,
108.9000

■ 56.1753, 50.7453,
8.0962

■ 54.2287, 47.1935,
6.3947

■ 53.8761, 46.5322,
6.1420

Harmonies

Analogous

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



81.0254, 74.3917, 49.1137



72.7431, 74.3917, 42.8728



64.5355, 74.3917, 45.0910

Triad

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



72.7431, 74.3917, 42.8728



56.6996, 74.3917, 100.6151



84.5575, 74.3917, 112.6237

Complementary

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



72.7431, 74.3917, 42.8728



51.4417, 53.0709, 102.1402

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.



77.2600, 74.3917, 132.1993



72.7431, 74.3917, 42.8728



61.3042, 74.3917, 124.3532

Square

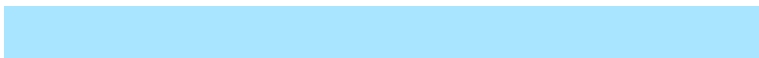
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7431, 74.3917, 42.8728



55.7010, 74.3917, 75.3602



68.7094, 74.3917, 136.8739



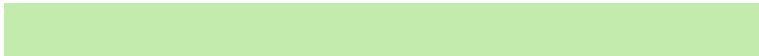
88.1919, 74.3917, 86.9142

Rectangle

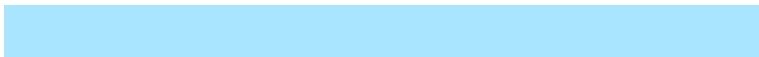
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7431, 74.3917, 42.8728



60.1561, 74.3917, 51.3338



68.7094, 74.3917, 136.8739



82.4248, 74.3917, 120.3336

Sweetspot

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



72.7450, 74.3952, 42.8743



87.6271, 91.8611, 85.7494



63.3384, 49.6629, 57.9869



18.5721, 19.4564, 17.7939



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.



72.7450, 74.3952, 42.8743



69.2177, 69.9102, 33.7769



79.1302, 93.1652, 46.1608



18.9615, 19.8912, 18.9843



28.2992, 24.6097, 3.2586



2.8601, 2.6056, 0.3522

Inverse Universe

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



51.4417, 53.0709, 102.1402



45.0517, 45.7379, 101.0615



46.7078, 40.1447, 99.8947



17.5551, 18.4818, 22.8920



11.6827, 8.2750, 50.4161



1.2379, 1.0065, 4.9423

Previews

White Background



This preview shows how the XYZ color 72.7431, 74.3917, 42.8728 looks on a white background.

Color Contrast Check

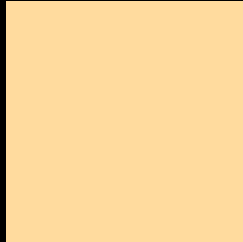
Large Text (above 18pt) WCAG AA × Fail

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 72.7431, 74.3917, 42.8728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

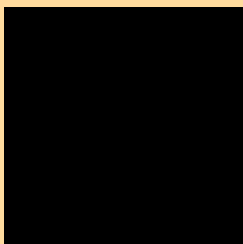
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7431, 74.3917, 42.8728

Background



This preview shows how black text looks on a background with the XYZ color 72.7431, 74.3917, 42.8728.



This preview shows how white text looks on a background with the XYZ color 72.7431, 74.3917,

42.8728.

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

72.7431, 74.3917, 42.8728

Protanopia

69.2764, 74.5501, 43.9961

Deuteranopia

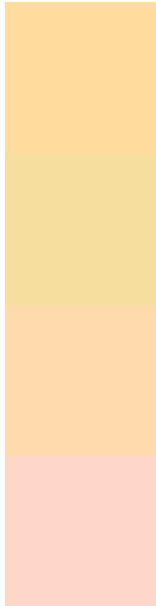
74.3933, 74.2219, 54.1214



Tritanopia

78.7617, 74.3395, 82.1493

Trichromacy



Original Color

72.7431, 74.3917, 42.8728

Protanomaly

70.3853, 74.3386, 43.4400

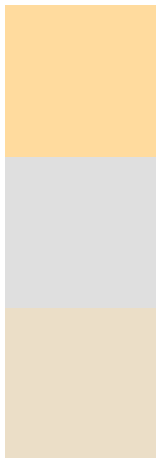
Deuteranomaly

73.8542, 74.4199, 50.0071

Tritanomaly

76.0831, 74.0779, 65.5468

Monochromacy



Original Color

72.7431, 74.3917, 42.8728

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6910, 74.0282, 64.5959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7431, 74.3917, 42.8728 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 158) }
```

Border

The CSS property to change the border of an element to XYZ 72.7431, 74.3917, 42.8728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

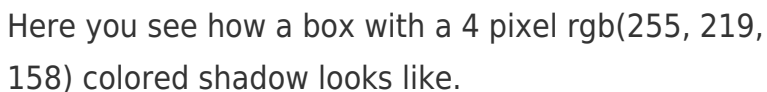
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 219, 158) }
```


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

```
.border{ border-color:rgb(255, 219, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 219, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 219, 158); box-shadow:4px 4px 4px 4px rgb(255, 219, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7431, 74.3917, 42.8728 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
219, 158) }
```

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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