

Converting Colors

XYZ(71.1618, 71.4813, 50.5730)

Have a look what the booklet for
XYZ(71.1618, 71.4813, 50.5730)
contains.

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Color

**XYZ(71.2088, 71.5123,
50.6076)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD6AF
RGB	250, 214, 175
RGB Percent	98%, 84%, 69%
CMY	0.0196, 0.1608, 0.3137
CMYK	0.00, 0.14, 0.30, 0.02
HSL	31°, 88%, 83%
HSV	31°, 30%, 98%
XYZ	71.2088, 71.5123, 50.6076
YIQ	220.3180, 33.9750, -4.4970

Conversions

Conversions Part 2

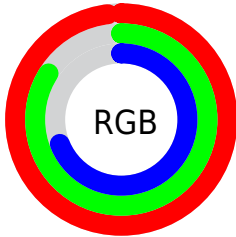
Format	Color
RYB	244, 250, 175
Decimal	16438959
CIELab	87.73, 6.99, 23.93
CIELCh	88, 24.928, 73.712
Yxy	71.5123, 0.3683, 0.3699
Android (android.graphics.Color)	4294629039 (0xFFFD6AF)
YUV	220.3180, -22.3418, 26.0311
Hunter-Lab	84.5649, 2.3191, 23.7136

Details

The XYZ color **71.2088, 71.5123, 50.6076** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.2282, 62.6028, 99.4573**, and the grayscale version is **68.3858, 71.9472, 78.3505**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **37.9033, 37.5389, 23.6604** is the 20% darker color. If you saturate the color by 10%, you get **66.0520, 64.7710, 37.8757**, and if you desaturate by 10%, it is **77.0476, 78.8895, 65.8111**.

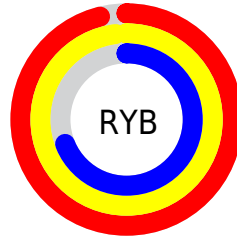
Distribution



Red (98%)

Green (84%)

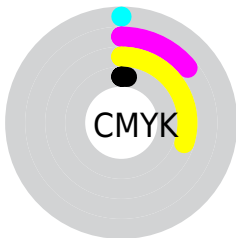
Blue (69%)



Red (96%)

Yellow (98%)

Blue (69%)

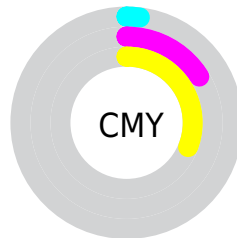


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2088, 71.5123, 50.6076 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 71.2088, 71.5123, 50.6076 by changing the saturation by 10% instead.


 71.2088, 71.5123,
50.6076

 71.2088, 71.5123,
50.6076


453.9835,
465.8423, 405.8402

 52.7958, 52.7604,
35.5219


 119.9479,
121.3629, 92.4800

 37.8666, 37.6115,
23.7784

151.0046,
153.2304, 120.1038

 26.0559, 25.6813,
14.9586


187.0067,
190.2385, 152.7440

 16.9984, 16.5854,
8.6441


228.3193,
232.7716, 190.8192

 10.3286, 9.9393,
4.4161

275.3080,
281.2141, 234.7478

 5.6813, 5.3587,
1.8563

328.3380,

 2.6911, 2.4593,

335.9505, 284.9485

0.4647

387.7747,
397.3651, 341.8398

■ 0.9926, 0.8561,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2088, 71.5123,
50.6076

■ 71.2088, 71.5123,
50.6076

■ 66.0520, 64.7710,
37.8757

■ 77.0476, 78.8895,
65.8111

■ 61.5418, 58.6359,
27.4769

■ 83.5907, 86.9111,
83.6053

■ 57.6475, 53.0896,
19.2660

■ 90.8660, 95.5982,
104.1072

■ 54.3331, 48.1093,
13.0793

■ 93.2344, 99.0640,
108.8150

■ 51.5583, 43.6705,
8.7296

■ 49.2754, 39.7452,
5.9943

■ 47.4095, 36.2942,
4.5068

■ 47.4094, 36.2940,
4.5067

Harmonies

Analogous

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



76.5232, 71.5123, 57.4631



71.2088, 71.5123, 50.6076



65.3109, 71.5123, 50.3240

Triad

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



71.2088, 71.5123, 50.6076



57.5133, 71.5123, 85.8405



76.1329, 71.5123, 103.8491

Complementary

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



71.2088, 71.5123, 50.6076



58.2282, 62.6028, 99.4573

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.



70.7009, 71.5123, 113.9715



71.2088, 71.5123, 50.6076



60.0797, 71.5123, 102.6005

Square

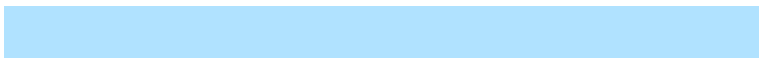
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2088, 71.5123, 50.6076



57.6316, 71.5123, 69.0857



64.8315, 71.5123, 113.4840



79.4769, 71.5123, 87.3576

Rectangle

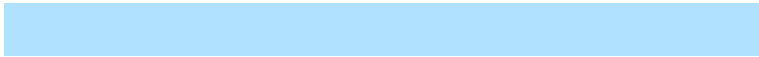
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2088, 71.5123, 50.6076



61.8538, 71.5123, 53.8002



64.8315, 71.5123, 113.4840



74.4773, 71.5123, 108.2094

Sweetspot

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



71.2107, 71.5156, 50.6091



88.1589, 91.7817, 89.4503



66.5442, 55.7005, 69.0372



18.6438, 19.3722, 18.5199



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.



71.2107, 71.5156, 50.6091



71.1488, 70.4715, 44.5968



80.9017, 91.5605, 53.9674



17.9915, 18.7188, 18.1272



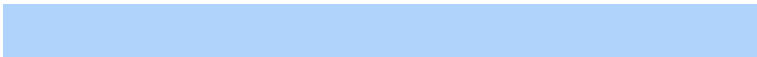
25.2925, 19.5416, 2.4388



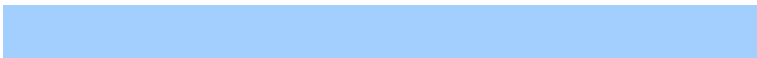
2.4487, 2.0223, 0.2613

Inverse Universe

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



58.2282, 62.6028, 99.4573



55.5705, 59.7782, 103.2172



50.5472, 46.8223, 96.8162



16.9704, 18.0176, 21.9686



12.8566, 11.0687, 49.4324



1.2962, 1.2361, 4.6135

Previews

White Background



This preview shows how the XYZ color 71.2088, 71.5123, 50.6076 looks on a white background.

Color Contrast Check

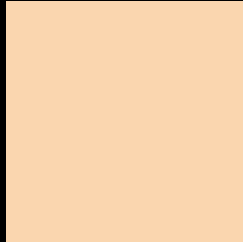
Large Text (above 18pt) WCAG AA × Fail

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 71.2088, 71.5123, 50.6076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

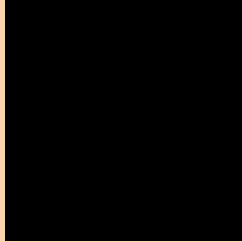
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2088, 71.5123, 50.6076

Background



This preview shows how black text looks on a background with the XYZ color 71.2088, 71.5123, 50.6076.



This preview shows how white text looks on a background with the XYZ color 71.2088, 71.5123,

50.6076.

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

71.2088, 71.5123, 50.6076

Protanopia

67.2334, 71.7244, 52.4201

Deuteranopia

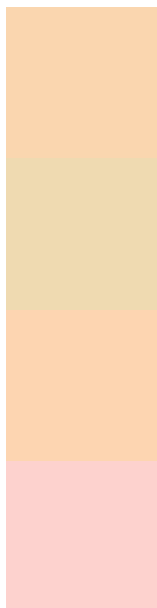
72.8194, 71.5613, 52.0942



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

71.2088, 71.5123, 50.6076

Protanomaly

68.6038, 71.6679, 51.8124

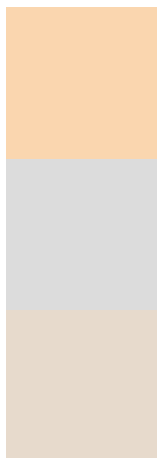
Deuteranomaly

72.2381, 71.6455, 51.6166

Tritanomaly

74.6952, 71.4321, 68.2434

Monochromacy



Original Color

71.2088, 71.5123, 50.6076

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9255, 71.4914, 67.2932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2088, 71.5123, 50.6076 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(250, 214, 175)` looks like.

```
.text, #text, p{  
    color:rgb(250, 214, 175)  
}
```

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(250, 214, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 214, 175) }
```

Border

The CSS property to change the border of an element to XYZ 71.2088, 71.5123, 50.6076 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(250, 214, 175) }
```


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

```
.border{ border-color:rgb(250, 214, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 214, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 214, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 214, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 214,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2088, 71.5123, 50.6076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 214, 175) }
```

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

```
.background{ background-color: rgb(250,  
214, 175) }
```

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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