

Converting Colors

XYZ(93.2865, 81.2782, 49.0136)

Have a look what the booklet for
XYZ(93.2865, 81.2782, 49.0136)
contains.

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Color

**XYZ(71.5423, 70.2555,
47.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2AA
RGB	255, 210, 170
RGB Percent	100%, 82%, 67%
CMY	0.0000, 0.1764, 0.3333
CMYK	0.00, 0.18, 0.33, 0.00
HSL	28°, 100%, 83%
HSV	28°, 33%, 100%
XYZ	71.5423, 70.2555, 47.8202
YIQ	218.8950, 39.6600, -2.9000

Conversions

Conversions Part 2

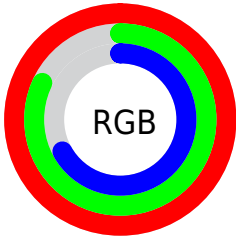
Format	Color
R _Y B	255, 246, 170
Decimal	16765610
CIE Lab	87.12, 10.33, 25.77
CIE LCh	87, 27.767, 68.150
Yxy	70.2555, 0.3773, 0.3705
Android (android.graphics.Color)	4294955690 (0xFFFFD2AA)
YUV	218.8950, -24.1052, 31.6641
Hunter-Lab	83.8186, 5.6740, 24.8468

Details

The XYZ color **71.5423, 70.2555, 47.8202** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.9272, 64.3647, 103.9256**, and the grayscale version is **67.4033, 70.9135, 77.2248**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **38.1844, 36.9553, 22.2601** is the 20% darker color. If you saturate the color by 10%, you get **66.1672, 62.9985, 35.2596**, and if you desaturate by 10%, it is **77.6699, 78.2684, 62.9414**.

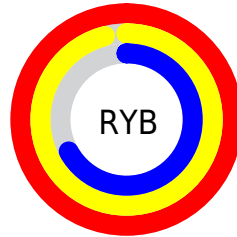
Distribution



Red (100%)

Green (82%)

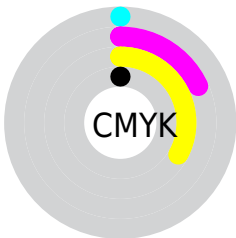
Blue (67%)



Red (100%)

Yellow (96%)

Blue (67%)

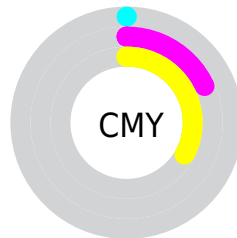


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5423, 70.2555, 47.8202 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 71.5423, 70.2555, 47.8202 by changing the saturation by 10% instead.


 71.5423, 70.2555,
47.8202

 71.5423, 70.2555,
47.8202


455.1293,
461.4466, 394.5671

 53.0690, 51.7349,
33.3255


 120.4199,
119.5730, 88.2994

 38.0856, 36.7938,
22.1028


151.5549,
151.1387, 115.1210

 26.2266, 25.0479,
13.7334


187.6412,
187.8216, 146.8887

 17.1268, 16.1127,
7.7989

229.0441,
230.0059, 184.0210

 10.4208, 9.6040,
3.8806

276.1291,
278.0762, 226.9365

 5.7432, 5.1372,
1.5601

329.2613,

 2.7288, 2.3280,

332.4168, 276.0536

0.2621

388.8063,
393.4122, 331.7910

■ 1.0120, 0.7885,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5423, 70.2555,
47.8202

■ 71.5423, 70.2555,
47.8202

■ 66.1672, 62.9985,
35.2596

■ 77.6699, 78.2684,
62.9414

■ 61.5054, 56.4630,
25.1101

■ 84.5765, 87.0508,
80.7527

■ 57.5214, 50.6259,
17.2129

■ 92.2934, 96.6280,
101.3799

■ 54.1741, 45.4587,
11.3883

95.0500, 100.0000,
108.9000

■ 51.4167, 40.9304,
7.4283

■ 49.1936, 37.0053,
5.0803

■ 47.9585, 34.6970,
4.1695

Harmonies

Analogous

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



77.1081, 70.2555, 56.4244



71.5423, 70.2555, 47.8202



65.0173, 70.2555, 46.2207

Triad

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



71.5423, 70.2555, 47.8202



55.1382, 70.2555, 81.6906



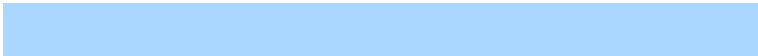
74.8082, 70.2555, 108.2833

Complementary

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



71.5423, 70.2555, 47.8202



58.9272, 64.3647, 103.9256

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.



68.5656, 70.2555, 117.7411



71.5423, 70.2555, 47.8202



57.4102, 70.2555, 100.8398

Square

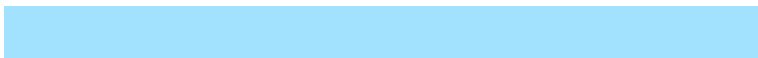
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5423, 70.2555, 47.8202



55.8210, 70.2555, 63.9180



62.2258, 70.2555, 114.8161



79.0774, 70.2555, 90.6251

Rectangle

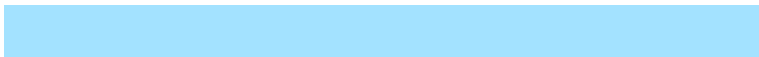
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5423, 70.2555, 47.8202



61.0440, 70.2555, 49.0477



62.2258, 70.2555, 114.8161



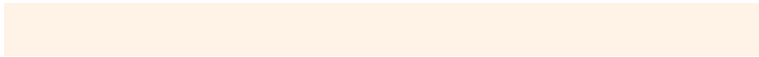
72.8554, 70.2555, 112.6475

Sweetspot

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



71.5441, 70.2588, 47.8216



87.0568, 90.1531, 87.3082



67.9238, 54.9336, 71.5386



18.4075, 19.0141, 18.0876



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.



71.5441, 70.2588, 47.8216



67.8780, 65.3363, 39.1706



83.3587, 93.8879, 51.7598



18.7143, 19.3968, 18.9019



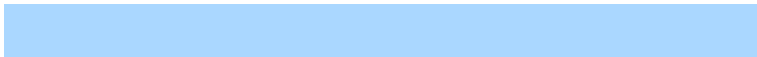
25.2060, 18.4232, 2.2275



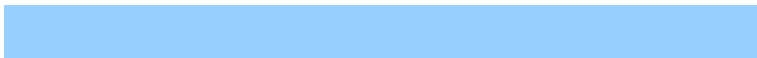
2.5625, 2.0104, 0.2530

Inverse Universe

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



58.9272, 64.3647, 103.9256



53.4981, 58.6147, 103.1019



49.5399, 45.5902, 100.7965



17.7990, 18.9697, 22.9734



14.1083, 13.1262, 51.2246



1.4831, 1.4969, 5.0240

Previews

White Background



This preview shows how the XYZ color 71.5423, 70.2555, 47.8202 looks on a white background.

Color Contrast Check

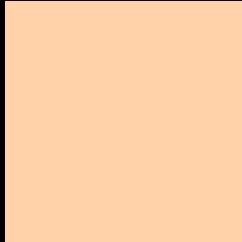
Large Text (above 18pt) WCAG AA × Fail

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 71.5423, 70.2555, 47.8202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

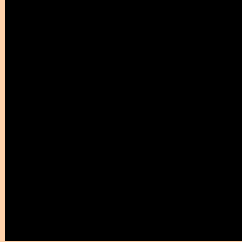
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5423, 70.2555, 47.8202

Background



This preview shows how black text looks on a background with the XYZ color 71.5423, 70.2555, 47.8202.



This preview shows how white text looks on a background with the XYZ color 71.5423, 70.2555,

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

71.5423, 70.2555, 47.8202

Protanopia

65.9901, 70.3546, 50.1461

Deuteranopia

71.6373, 70.2935, 48.3204



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

71.5423, 70.2555, 47.8202

Protanomaly

67.7784, 70.1433, 49.5019

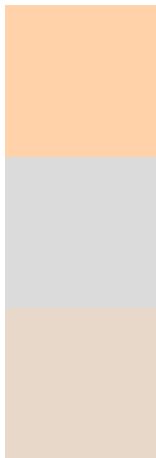
Deuteranomaly

71.6373, 70.2935, 48.3204

Tritanomaly

74.0954, 70.1027, 64.8843

Monochromacy



Original Color

71.5423, 70.2555, 47.8202

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.3772, 70.4846, 65.2594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5423, 70.2555, 47.8202 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, 210, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 170)  
}
```

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, 210, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 170) }
```

Border

The CSS property to change the border of an element to XYZ 71.5423, 70.2555, 47.8202 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, 210, 170) }
```


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

```
.border{ border-color:rgb(255, 210, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5423, 70.2555, 47.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 170) }
```

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

```
.background{ background-color: rgb(255,  
210, 170) }
```

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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