

Converting Colors

XYZ(74.6550, 71.6157, 55.9296)

Have a look what the booklet for
XYZ(74.6550, 71.6157, 55.9296)
contains.

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Color

**XYZ(73.0435, 70.8560,
55.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2B9
RGB	255, 210, 185
RGB Percent	100%, 82%, 73%
CMY	0.0000, 0.1764, 0.2745
CMYK	0.00, 0.18, 0.27, 0.00
HSL	21°, 100%, 86%
HSV	21°, 27%, 100%
XYZ	73.0435, 70.8560, 55.7257
YIQ	220.6050, 34.8450, 1.7650

Conversions

Conversions Part 2

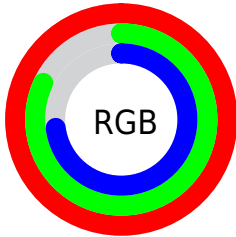
Format	Color
R _Y B	255, 224, 185
Decimal	16765625
CIE Lab	87.41, 12.23, 18.32
CIE LCh	87, 22.030, 56.277
Yxy	70.8560, 0.3659, 0.3549
Android (android.graphics.Color)	4294955705 (0xFFFFD2B9)
YUV	220.6050, -17.5533, 30.1644
Hunter-Lab	84.1760, 7.5849, 19.6724

Details

The XYZ color **73.0435, 70.8560, 55.7257** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.3535, 74.1254, 105.4182**, and the grayscale version is **68.5539, 72.1240, 78.5431**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **38.9122, 36.9789, 26.9166** is the 20% darker color. If you saturate the color by 10%, you get **66.7480, 62.1933, 41.5161**, and if you desaturate by 10%, it is **80.2400, 80.5473, 72.6190**.

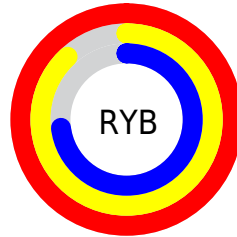
Distribution



Red (100%)

Green (82%)

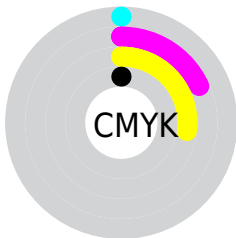
Blue (73%)



Red (100%)

Yellow (88%)

Blue (73%)

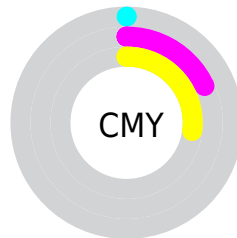


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0435, 70.8560, 55.7257 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 73.0435, 70.8560, 55.7257 by changing the saturation by 10% instead.


 73.0435, 70.8560,
55.7257

 73.0435, 70.8560,
55.7257

460.2670,
463.5499, 426.0162

 54.3000, 52.2247,
39.5805


 122.5418,
120.4287, 100.0852

 39.0732, 37.1842,
26.9003


154.0273,
152.1388, 129.1366

 26.9977, 25.3501,
17.2666


190.4908,
188.9774, 163.3272

 17.7080, 16.3381,
10.2608

232.2978,
231.3287, 203.0754

 10.8390, 9.7637,
5.4644

279.8136,
279.5772, 248.7999

 6.0252, 5.2426,
2.4587

333.4035,

 2.9012, 2.3903,

334.1073, 300.9192

0.8182

393.4328,
395.3034, 359.8517

■ 1.1017, 0.8209,
0.0000

■ 0.0266, 0.0000,
0.0000

■ 73.0435, 70.8560,
55.7257

■ 73.0435, 70.8560,
55.7257

■ 66.7480, 62.1933,
41.5161

■ 80.2400, 80.5473,
72.6190

■ 61.3098, 54.5144,
29.8458

■ 88.3678, 91.2907,
92.3215

■ 56.6894, 47.7851,
20.5633

95.0500, 100.0000,
108.9000

■ 52.8419, 41.9655,
13.4990

■ 49.7171, 37.0124,
8.4606

■ 47.2576, 32.8780,
5.2220

■ 45.3922, 29.5075,
3.4898

■ 44.9889, 28.7578,
3.1796

Harmonies

Analogous

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



76.7025, 70.8560, 65.1697



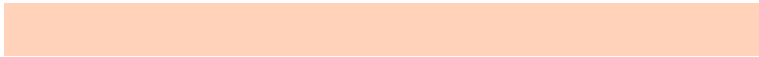
73.0435, 70.8560, 55.7257



67.9969, 70.8560, 51.9874

Triad

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



73.0435, 70.8560, 55.7257



57.8657, 70.8560, 75.3083



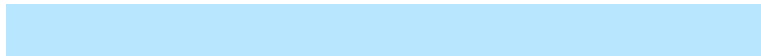
71.8645, 70.8560, 105.7375

Complementary

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



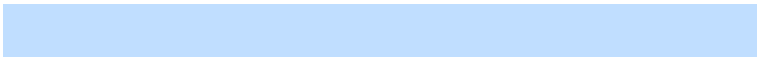
73.0435, 70.8560, 55.7257



66.3535, 74.1254, 105.4182

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.



66.7003, 70.8560, 109.3496



73.0435, 70.8560, 55.7257



58.7841, 70.8560, 90.5156

Square

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



73.0435, 70.8560, 55.7257



59.3782, 70.8560, 62.3381



61.9537, 70.8560, 103.4631



75.9976, 70.8560, 94.1402

Rectangle

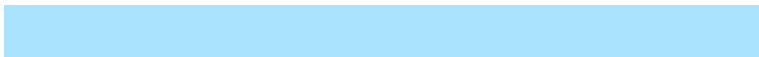
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0435, 70.8560, 55.7257



64.5864, 70.8560, 52.8266



61.9537, 70.8560, 103.4631



70.1842, 70.8560, 107.9851

Sweetspot

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



73.0453, 70.8592, 55.7272



87.8962, 90.6723, 91.1635



72.9427, 61.7000, 83.2968



18.5403, 19.0488, 18.8439



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.



73.0453, 70.8592, 55.7272



69.4421, 65.9259, 47.5181



82.4985, 89.7657, 58.8782



18.5403, 19.0488, 18.8439



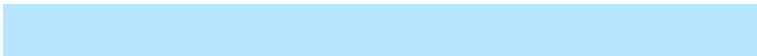
23.6352, 15.2817, 1.7039



2.4000, 1.6854, 0.1988

Inverse Universe

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



66.3535, 74.1254, 105.4182



61.7209, 69.6790, 104.8041



57.6856, 56.7898, 102.5289



17.9770, 19.3257, 23.0327



16.5060, 17.9216, 52.0238



1.7105, 1.9516, 5.0998

Previews

White Background



This preview shows how the XYZ color 73.0435, 70.8560, 55.7257 looks on a white background.

Color Contrast Check

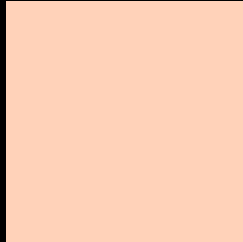
Large Text (above 18pt) WCAG AA × Fail

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 73.0435, 70.8560, 55.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

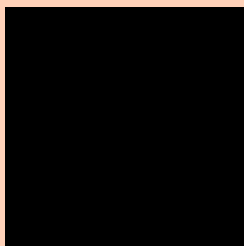
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0435, 70.8560, 55.7257

Background



This preview shows how black text looks on a background with the XYZ color 73.0435, 70.8560, 55.7257.



This preview shows how white text looks on a background with the XYZ color 73.0435, 70.8560,

55.7257.

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

73.0435, 70.8560, 55.7257

Protanopia

67.1500, 71.1602, 58.3402

Deuteranopia

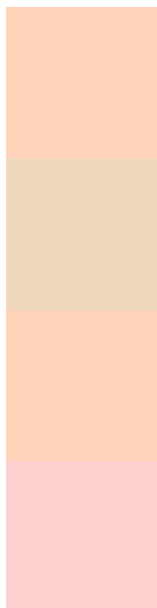
72.5592, 70.9740, 55.7740



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

73.0435, 70.8560, 55.7257

Protanomaly

69.2296, 71.0933, 57.6505

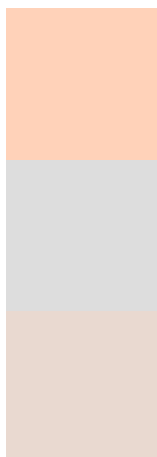
Deuteranomaly

72.9243, 71.1621, 55.7911

Tritanomaly

75.1810, 70.9258, 69.4021

Monochromacy



Original Color

73.0435, 70.8560, 55.7257

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.8023, 71.5034, 69.7971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0435, 70.8560, 55.7257 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 185) }
```

Border

The CSS property to change the border of an element to XYZ 73.0435, 70.8560, 55.7257 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, 185) }
```


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

```
.border{ border-color:rgb(255, 210, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0435, 70.8560, 55.7257 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
210, 185) }
```

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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