

Converting Colors

XYZ(145.8253, 109.0121,
58.7897)

Have a look what the booklet for
XYZ(145.8253, 109.0121, 58.7897)
contains.

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Color

**XYZ(73.4352, 71.8077,
55.3372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4B8
RGB	255, 212, 184
RGB Percent	100%, 83%, 72%
CMY	0.0000, 0.1686, 0.2784
CMYK	0.00, 0.17, 0.28, 0.00
HSL	24°, 100%, 86%
HSV	24°, 28%, 100%
XYZ	73.4352, 71.8077, 55.3372
YIQ	221.6650, 34.6160, 0.4080

Conversions

Conversions Part 2

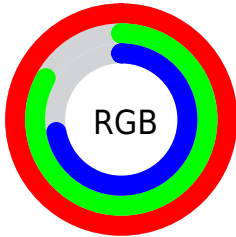
Format	Color
R _Y B	255, 230, 184
Decimal	16766136
CIE Lab	87.88, 11.06, 19.49
CIE LCh	88, 22.410, 60.425
Yxy	71.8077, 0.3661, 0.3580
Android (android.graphics.Color)	4294956216 (0xFFFFD4B8)
YUV	221.6650, -18.5688, 29.2348
Hunter-Lab	84.7394, 6.3941, 20.5996

Details

The XYZ color **73.4352, 71.8077, 55.3372** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2853, 72.3461, 105.1310**, and the grayscale version is **69.3061, 72.9154, 79.4049**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.1797, 37.6230, 26.6697** is the 20% darker color. If you saturate the color by 10%, you get **67.3224, 63.4811, 41.2794**, and if you desaturate by 10%, it is **80.4027, 81.0720, 72.0585**.

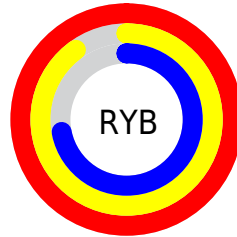
Distribution



Red (100%)

Green (83%)

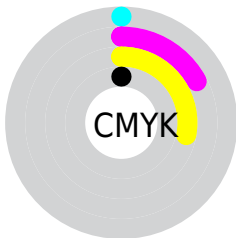
Blue (72%)



Red (100%)

Yellow (90%)

Blue (72%)

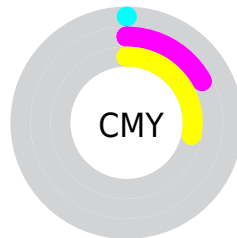


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4352, 71.8077, 55.3372 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 73.4352, 71.8077, 55.3372 by changing the saturation by 10% instead.


 73.4352, 71.8077,
55.3372

 73.4352, 71.8077,
55.3372


461.6022,
466.8720, 424.5068

 54.6215, 53.0016,
39.2713

 123.0946,
121.7831, 99.5109

 39.3314, 37.8041,
26.6614


154.6711,
153.7212, 128.4559

 27.1995, 25.8306,
17.0889


191.2326,
190.8054, 162.5309

 17.8605, 16.6970,
10.1353

233.1444,
233.4201, 202.1546

 10.9490, 10.0187,
5.3820

280.7719,
281.9497, 247.7455

 6.0996, 5.4113,
2.4104

334.4805,

 2.9470, 2.4906,

336.7787, 299.7222

0.7921

394.6355,
398.2913, 358.5031

■ 1.1258, 0.8719,
0.0000

■ 0.0465, 0.0000,
0.0000

■ 73.4352, 71.8077,
55.3372

■ 73.4352, 71.8077,
55.3372

■ 67.3224, 63.4811,
41.2794

■ 80.4027, 81.0720,
72.0585

■ 62.0227, 56.0513,
29.7409

■ 88.2533, 91.2935,
91.5685

■ 57.4987, 49.4889,
20.5705

95.0500, 100.0000,
108.9000

■ 53.7077, 43.7585,
13.5985

■ 50.6020, 38.8221,
8.6324

■ 48.1267, 34.6376,
5.4456

■ 46.2119, 31.1555,
3.7360

■ 45.8533, 30.4866,
3.4678

Harmonies

Analogous

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



77.4750, 71.8077, 64.2449



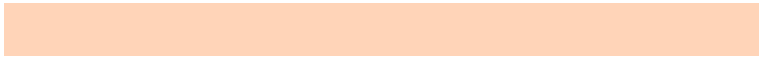
73.4352, 71.8077, 55.3372



68.1750, 71.8077, 52.3561

Triad

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



73.4352, 71.8077, 55.3372



58.5074, 71.8077, 78.4044



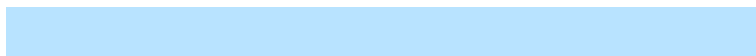
73.5736, 71.8077, 106.3239

Complementary

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



73.4352, 71.8077, 55.3372



65.2853, 72.3461, 105.1310

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.



68.3271, 71.8077, 111.3615



73.4352, 71.8077, 55.3372



59.7900, 71.8077, 94.0115

Square

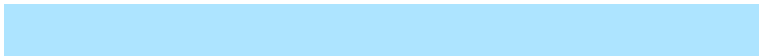
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4352, 71.8077, 55.3372



59.7204, 71.8077, 64.5764



63.3168, 71.8077, 106.5915



77.5578, 71.8077, 93.5856

Rectangle

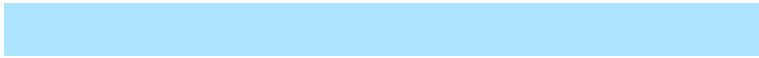
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4352, 71.8077, 55.3372



64.7367, 71.8077, 53.7806



63.3168, 71.8077, 106.5915



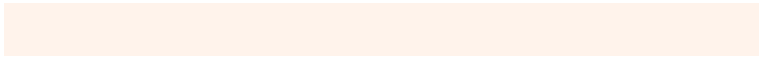
71.8904, 71.8077, 109.0429

Sweetspot

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



73.4370, 71.8110, 55.3387



88.1226, 91.1249, 91.2389



72.3544, 61.1311, 81.2276



18.5971, 19.1624, 18.8629



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.



73.4370, 71.8110, 55.3387



70.1793, 67.4004, 47.7639



83.0661, 91.0692, 58.5484



18.5971, 19.1624, 18.8629



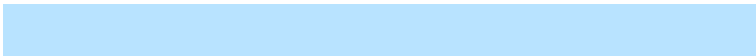
24.0946, 16.2005, 1.8571



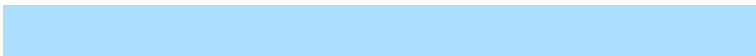
2.4489, 1.7831, 0.2151

Inverse Universe

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



65.2853, 72.3461, 105.1310



60.8821, 68.0015, 104.5245



56.7298, 55.2350, 102.2792



17.9183, 19.2083, 23.0131



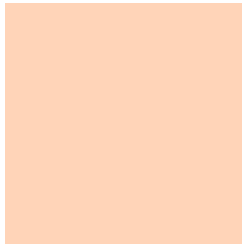
15.6553, 16.2203, 51.7403



1.6309, 1.7925, 5.0733

Previews

White Background



This preview shows how the XYZ color 73.4352, 71.8077, 55.3372 looks on a white background.

Color Contrast Check

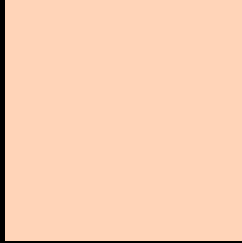
Large Text (above 18pt) WCAG AA × Fail

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 73.4352, 71.8077, 55.3372 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 73.4352, 71.8077, 55.3372

Background



This preview shows how black text looks on a background with the XYZ color 73.4352, 71.8077, 55.3372.



This preview shows how white text looks on a background with the XYZ color 73.4352, 71.8077,

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

73.4352, 71.8077, 55.3372

Protanopia

67.9490, 71.9730, 57.8878

Deuteranopia

73.4352, 71.8077, 55.3372



Tritanopia

76.9807, 71.6457, 78.8789

Trichromacy



Original Color

73.4352, 71.8077, 55.3372

Protanomaly

69.7177, 71.7388, 57.1862

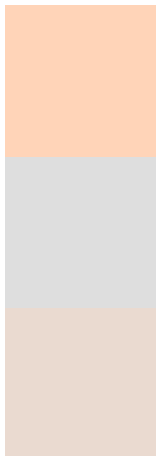
Deuteranomaly

73.4352, 71.8077, 55.3372

Tritanomaly

75.4256, 71.4150, 69.4836

Monochromacy



Original Color

73.4352, 71.8077, 55.3372

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.3883, 72.1893, 69.8986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4352, 71.8077, 55.3372 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, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 184)  
}
```

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, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 184) }
```

Border

The CSS property to change the border of an element to XYZ 73.4352, 71.8077, 55.3372 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, 212, 184) }
```


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

```
.border{ border-color:rgb(255, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4352, 71.8077, 55.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 184) }
```

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

```
.background{ background-color: rgb(255,  
212, 184) }
```

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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