

Converting Colors

XYZ(76.1695, 73.9311, 55.2527)

Have a look what the booklet for
XYZ(76.1695, 73.9311, 55.2527)
contains.

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Color

**XYZ(73.8338, 72.7720,
54.9547)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6B7
RGB	255, 214, 183
RGB Percent	100%, 84%, 72%
CMY	0.0000, 0.1608, 0.2823
CMYK	0.00, 0.16, 0.28, 0.00
HSL	26°, 100%, 86%
HSV	26°, 28%, 100%
XYZ	73.8338, 72.7720, 54.9547
YIQ	222.7250, 34.3870, -0.9490

Conversions

Conversions Part 2

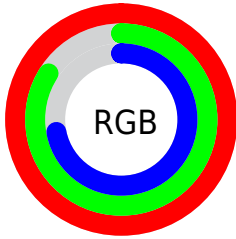
Format	Color
R _Y B	255, 237, 183
Decimal	16766647
CIE Lab	88.34, 9.89, 20.66
CIE LCh	88, 22.904, 64.407
Yxy	72.7720, 0.3663, 0.3610
Android (android.graphics.Color)	4294956727 (0xFFFFD6B7)
YUV	222.7250, -19.5844, 28.3052
Hunter-Lab	85.3065, 5.2075, 21.5198

Details

The XYZ color **73.8338, 72.7720, 54.9547** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.2333, 70.5964, 104.8487**, and the grayscale version is **70.0631, 73.7118, 80.2721**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **39.4534, 38.2783, 26.4281** is the 20% darker color. If you saturate the color by 10%, you get **67.9045, 64.7830, 41.0488**, and if you desaturate by 10%, it is **80.5751, 81.6151, 71.5052**.

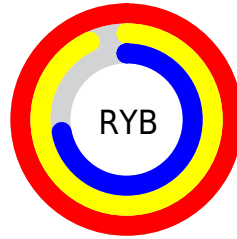
Distribution



Red (100%)

Green (84%)

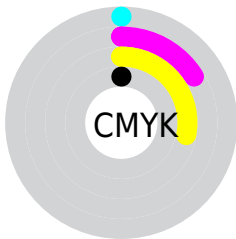
Blue (72%)



Red (100%)

Yellow (93%)

Blue (72%)

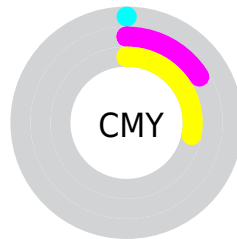


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8338, 72.7720, 54.9547 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 73.8338, 72.7720, 54.9547 by changing the saturation by 10% instead.


 73.8338, 72.7720,
54.9547

 73.8338, 72.7720,
54.9547


462.9587,
470.2242, 423.0173

 54.9488, 53.7896,
38.9671


 123.6569,
123.1535, 98.9451

 39.5944, 38.4334,
26.4265


155.3258,
155.3213, 127.7849

 27.4053, 26.3193,
16.9144


191.9867,
192.6530, 161.7459

 18.0160, 17.0626,
10.0121

234.0050,
235.5331, 201.2466

 11.0612, 10.2792,
5.3013

281.7459,
284.3458, 246.7056

 6.1756, 5.5844,
2.3633

335.5750,

 2.9938, 2.5941,

339.4757, 298.5413

0.7664

395.8575,
401.3070, 357.1724

■ 1.1505, 0.9237,
0.0000

■ 0.0667, 0.0000,
0.0000

■ 73.8338, 72.7720,
54.9547

■ 73.8338, 72.7720,
54.9547

■ 67.9045, 64.7830,
41.0488

■ 80.5751, 81.6151,
71.5052

■ 62.7473, 57.6107,
29.6433

■ 88.1554, 91.3283,
90.8251

■ 58.3268, 51.2293,
20.5870

95.0500, 100.0000,
108.9000

■ 54.6021, 45.6077,
13.7103

■ 51.5273, 40.7120,
8.8202

■ 49.0499, 36.5047,
5.6893

■ 47.1001, 32.9408,
4.0050

■ 46.7955, 32.3710,
3.7818

Harmonies

Analogous

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



78.2580, 72.7720, 63.3351



73.8338, 72.7720, 54.9547



68.3587, 72.7720, 52.7289

Triad

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



73.8338, 72.7720, 54.9547



59.1570, 72.7720, 81.5849



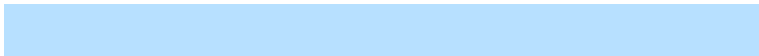
75.3127, 72.7720, 106.9216

Complementary

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



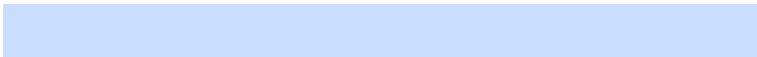
73.8338, 72.7720, 54.9547



64.2333, 70.5964, 104.8487

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.



69.9829, 72.7720, 113.4052



73.8338, 72.7720, 54.9547



60.8099, 72.7720, 97.5984

Square

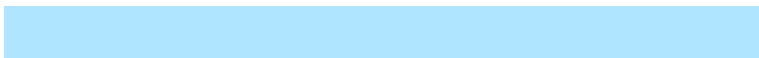
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8338, 72.7720, 54.9547



60.0677, 72.7720, 66.8683



64.7023, 72.7720, 109.7868



79.1431, 72.7720, 93.0425

Rectangle

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



73.8338, 72.7720, 54.9547



64.8920, 72.7720, 54.7476



64.7023, 72.7720, 109.7868



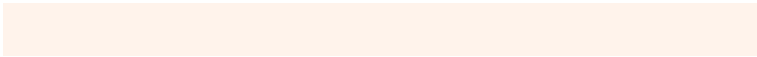
73.6270, 72.7720, 110.1161

Sweetspot

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



73.8356, 72.7753, 54.9562



88.3435, 91.5668, 91.3126



71.7646, 60.5640, 79.1423



18.6526, 19.2734, 18.8814



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.



73.8356, 72.7753, 54.9562



70.3195, 68.0657, 46.6242



83.6632, 92.4304, 58.2321



18.6526, 19.2734, 18.8814



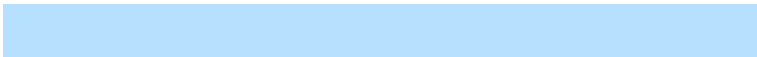
24.5931, 17.1975, 2.0232



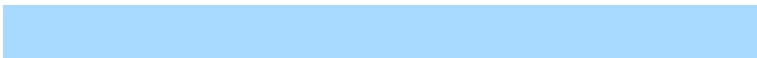
2.5005, 1.8864, 0.2323

Inverse Universe

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



64.2333, 70.5964, 104.8487



59.2469, 65.5468, 104.1369



55.7768, 53.6834, 102.0299



17.8615, 19.0947, 22.9942



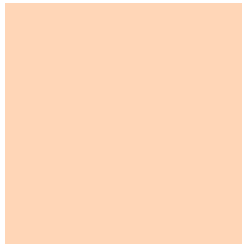
14.8887, 14.6869, 51.4847



1.5582, 1.6472, 5.0491

Previews

White Background



This preview shows how the XYZ color 73.8338, 72.7720, 54.9547 looks on a white background.

Color Contrast Check

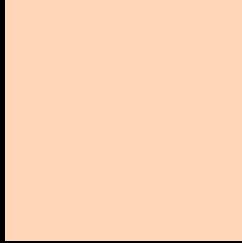
Large Text (above 18pt) WCAG AA × Fail

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 73.8338, 72.7720, 54.9547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

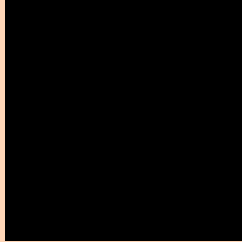
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8338, 72.7720, 54.9547

Background



This preview shows how black text looks on a background with the XYZ color 73.8338, 72.7720, 54.9547.



This preview shows how white text looks on a background with the XYZ color 73.8338, 72.7720,

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

73.8338, 72.7720, 54.9547

Protanopia

68.7578, 72.7932, 57.4403

Deuteranopia

74.1495, 72.8983, 56.6171



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

73.8338, 72.7720, 54.9547

Protanomaly

70.5523, 72.5652, 56.7424

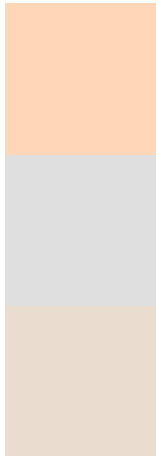
Deuteranomaly

74.0435, 72.8559, 56.0590

Tritanomaly

76.0429, 72.4520, 70.2983

Monochromacy



Original Color

73.8338, 72.7720, 54.9547

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.2393, 73.4026, 70.0879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8338, 72.7720, 54.9547 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, 214, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 183)  
}
```

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, 214, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 183) }
```

Border

The CSS property to change the border of an element to XYZ 73.8338, 72.7720, 54.9547 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, 214, 183) }
```


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

```
.border{ border-color:rgb(255, 214, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8338, 72.7720, 54.9547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 183) }
```

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

```
.background{ background-color: rgb(255,  
214, 183) }
```

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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