

Converting Colors

XYZ(79.7630, 76.1207, 55.9211)

Have a look what the booklet for
XYZ(79.7630, 76.1207, 55.9211)
contains.

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Color

**XYZ(74.1922, 73.3216,
55.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7B8
RGB	255, 215, 184
RGB Percent	100%, 84%, 72%
CMY	0.0000, 0.1568, 0.2784
CMYK	0.00, 0.16, 0.28, 0.00
HSL	26°, 100%, 86%
HSV	26°, 28%, 100%
XYZ	74.1922, 73.3216, 55.5895
YIQ	223.4260, 33.7910, -1.1610

Conversions

Conversions Part 2

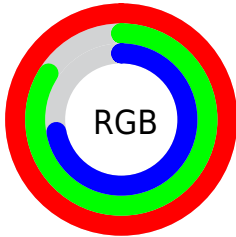
Format	Color
R _Y B	255, 239, 184
Decimal	16766904
CIE Lab	88.60, 9.51, 20.50
CIE LCh	89, 22.596, 65.118
Yxy	73.3216, 0.3653, 0.3610
Android (android.graphics.Color)	4294956984 (0xFFFFD7B8)
YUV	223.4260, -19.4370, 27.6904
Hunter-Lab	85.6280, 4.8118, 21.4487

Details

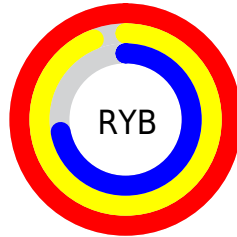
The XYZ color **74.1922, 73.3216, 55.5895** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.4720, 70.7193, 104.8599**, and the grayscale version is **70.5609, 74.2356, 80.8426**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.6935, 38.6506, 26.8410** is the 20% darker color. If you saturate the color by 10%, you get **68.2582, 65.3526, 41.5913**, and if you desaturate by 10%, it is **80.9328, 82.1323, 72.2353**.

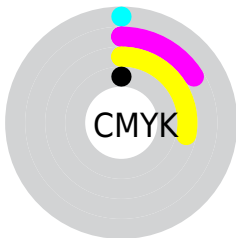
Distribution



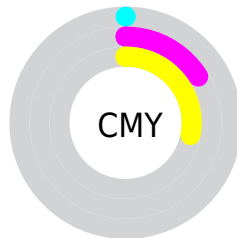
- Red (100%)
- Green (84%)
- Blue (72%)



- Red (100%)
- Yellow (94%)
- 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 74.1922, 73.3216, 55.5895 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 74.1922, 73.3216, 55.5895 by changing the saturation by 10% instead.


 74.1922, 73.3216,
55.5895

 74.1922, 73.3216,
55.5895

464.1765,
472.1287, 425.4874

 55.2432, 54.2390,
39.4721


 124.1623,
123.9337, 99.8839

 39.8311, 38.7927,
26.8165


155.9140,
156.2319, 128.8980

 27.5905, 26.5985,
17.2043


192.6641,
193.7041, 163.0481

 18.1561, 17.2719,
10.2167

234.7779,
236.7347, 202.7528

 11.1625, 10.4286,
5.4354

282.6206,
285.7080, 248.4305

 6.2443, 5.6840,
2.4418

336.5577,

 3.0363, 2.6539,

341.0085, 300.4998

0.8091

396.9546,
403.0206, 359.3793

■ 1.1730, 0.9538,
0.0000

■ 0.0849, 0.0000,
0.0000

■ 74.1922, 73.3216,
55.5895

■ 74.1922, 73.3216,
55.5895

■ 68.2582, 65.3526,
41.5913

■ 80.9328, 82.1323,
72.2353

■ 63.0913, 58.1885,
30.0972

■ 88.5066, 91.8002,
91.6530

■ 58.6564, 51.8043,
20.9564

95.0500, 100.0000,
108.9000

■ 54.9132, 46.1695,
14.0003

■ 51.8164, 41.2510,
9.0373

■ 49.3140, 37.0123,
5.8414

■ 47.3391, 33.4100,
4.1117

■ 46.9635, 32.7071,
3.8378

Harmonies

Analogous

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



78.6167, 73.3216, 63.7869



74.1922, 73.3216, 55.5895



68.7595, 73.3216, 53.5214

Triad

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



74.1922, 73.3216, 55.5895



59.7662, 73.3216, 82.5415



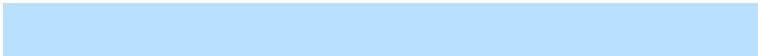
75.8928, 73.3216, 106.9816

Complementary

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



74.1922, 73.3216, 55.5895



64.4720, 70.7193, 104.8599

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.



70.6288, 73.3216, 113.6076



74.1922, 73.3216, 55.5895



61.4660, 73.3216, 98.3709

Square

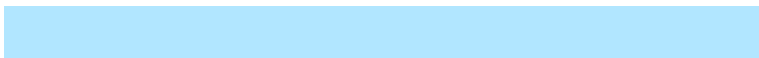
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1922, 73.3216, 55.5895



60.6104, 73.3216, 67.8628



65.3737, 73.3216, 110.2682



79.6338, 73.3216, 93.1380

Rectangle

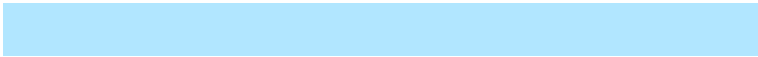
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1922, 73.3216, 55.5895



65.3363, 73.3216, 55.6304



65.3737, 73.3216, 110.2682



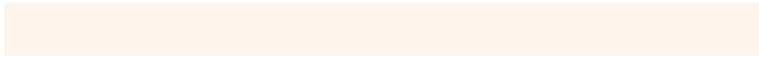
74.2329, 73.3216, 110.2036

Sweetspot

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



74.1940, 73.3249, 55.5910



88.3807, 91.6411, 91.3249



71.8672, 60.9362, 78.6616



18.6620, 19.2921, 18.8845



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.



74.1940, 73.3249, 55.5910



71.0344, 69.1105, 48.0489



84.1605, 93.2579, 58.9132



18.6620, 19.2921, 18.8845



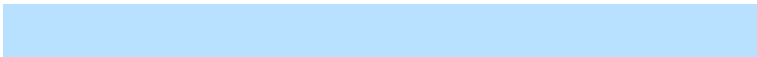
24.6818, 17.3749, 2.0528



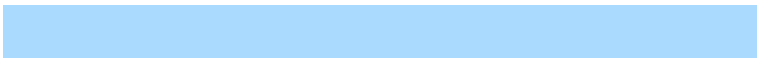
2.5096, 1.9045, 0.2353

Inverse Universe

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



64.4720, 70.7193, 104.8599



59.9487, 66.1347, 104.2134



55.9582, 53.6918, 102.0220



17.8520, 19.0757, 22.9910



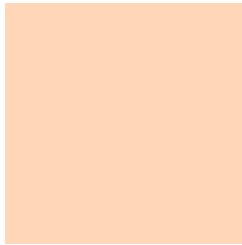
14.7658, 14.4412, 51.4438



1.5465, 1.6237, 5.0452

Previews

White Background



This preview shows how the XYZ color 74.1922, 73.3216, 55.5895 looks on a white background.

Color Contrast Check

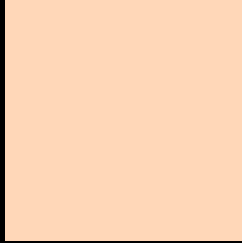
Large Text (above 18pt) WCAG AA × Fail

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 74.1922, 73.3216, 55.5895 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 74.1922, 73.3216, 55.5895

Background



This preview shows how black text looks on a background with the XYZ color 74.1922, 73.3216, 55.5895.



This preview shows how white text looks on a background with the XYZ color 74.1922, 73.3216,

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

74.1922, 73.3216, 55.5895

Protanopia

69.3519, 73.4926, 57.5440

Deuteranopia

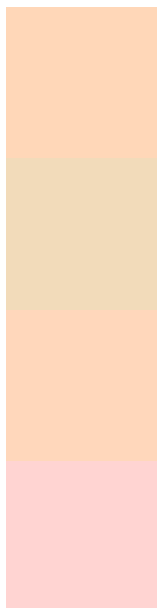
74.6175, 73.4917, 57.8295



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

74.1922, 73.3216, 55.5895

Protanomaly

70.8124, 73.0855, 56.8291

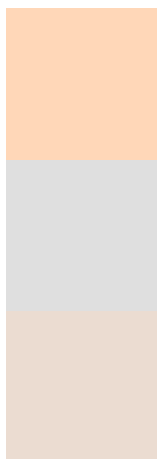
Deuteranomaly

74.5101, 73.4487, 57.2636

Tritanomaly

76.4163, 73.0001, 71.0356

Monochromacy



Original Color

74.1922, 73.3216, 55.5895

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3628, 73.4520, 70.7380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1922, 73.3216, 55.5895 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, 215, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 184) }
```

Border

The CSS property to change the border of an element to XYZ 74.1922, 73.3216, 55.5895 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, 215, 184) }
```


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

```
.border{ border-color:rgb(255, 215, 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, 215, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1922, 73.3216, 55.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 184) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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