

Converting Colors

XYZ(74.5984, 74.2005, 55.5200)

Have a look what the booklet for
XYZ(74.5984, 74.2005, 55.5200)
contains.

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Color

**XYZ(74.7046, 74.3464,
55.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B8
RGB	255, 217, 184
RGB Percent	100%, 85%, 72%
CMY	0.0000, 0.1490, 0.2784
CMYK	0.00, 0.15, 0.28, 0.00
HSL	28°, 100%, 86%
HSV	28°, 28%, 100%
XYZ	74.7046, 74.3464, 55.7603
YIQ	224.6000, 33.2410, -2.2070

Conversions

Conversions Part 2

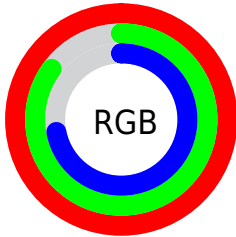
Format	Color
R _{YB}	255, 246, 184
Decimal	16767416
CIE _{Lab}	89.09, 8.47, 21.17
CIE _{LCh}	89, 22.804, 68.186
Y _{xy}	74.3464, 0.3647, 0.3630
Android (android.graphics.Color)	4294957496 (0xFFFFD9B8)
YUV	224.6000, -20.0158, 26.6608
Hunter-Lab	86.2244, 3.7594, 22.0149

Details

The XYZ color **74.7046, 74.3464, 55.7603** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.9376, 69.6507, 104.6818**, and the grayscale version is **71.4048, 75.1234, 81.8094**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **40.0430, 39.3497, 26.9575** is the 20% darker color. If you saturate the color by 10%, you get **68.8960, 66.6282, 41.8040**, and if you desaturate by 10%, it is **81.2895, 82.8457, 72.3542**.

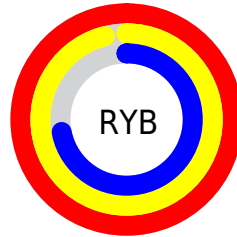
Distribution



Red (100%)

Green (85%)

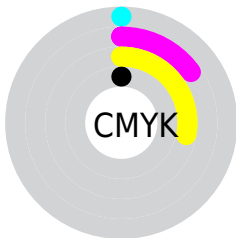
Blue (72%)



Red (100%)

Yellow (96%)

Blue (72%)

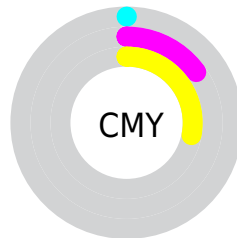


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7046, 74.3464, 55.7603 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 74.7046, 74.3464, 55.7603 by changing the saturation by 10% instead.


 74.7046, 74.3464,
55.7603

 74.7046, 74.3464,
55.7603

465.9145,
475.6681, 426.1504

 55.6642, 55.0776,
39.6081


 124.8843,
125.3867, 100.1363

 40.1697, 39.4639,
26.9216


156.7543,
157.9271, 129.1972

 27.8557, 27.1208,
17.2825


193.6316,
195.6600, 163.3980

 18.3568, 17.6639,
10.2720

235.8815,
238.9700, 203.1573

 11.3077, 10.7090,
5.4717

283.8694,
288.2414, 248.8937

 6.3430, 5.8715,
2.4631

337.9606,

 3.0974, 2.7671,

343.8586, 301.0256

0.8205

398.5205,
406.2060, 359.9717

■ 1.2055, 1.0114,
0.0000

■ 0.1107, 0.0000,
0.0000

■ 74.7046, 74.3464,
55.7603

■ 74.7046, 74.3464,
55.7603

■ 68.8960, 66.6282,
41.8040

■ 81.2895, 82.8457,
72.3542

■ 63.8254, 59.6568,
30.3419

■ 88.6761, 92.1392,
91.7095

■ 59.4591, 53.4097,
21.2240

95.0500, 100.0000,
108.9000

■ 55.7580, 47.8590,
14.2819

■ 52.6783, 42.9747,
9.3245

■ 50.1696, 38.7234,
6.1266

■ 48.1666, 35.0649,
4.3875

■ 47.7823, 34.3446,
4.1108

Harmonies

Analogous

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



79.3892, 74.3464, 63.4866



74.7046, 74.3464, 55.7603



69.1553, 74.3464, 54.3089

Triad

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



74.7046, 74.3464, 55.7603



60.6178, 74.3464, 85.3811



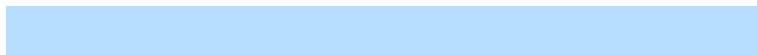
77.4695, 74.3464, 107.4306

Complementary

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



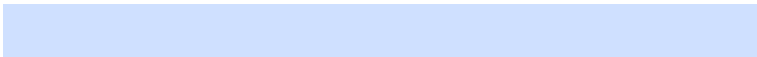
74.7046, 74.3464, 55.7603



63.9376, 69.6507, 104.6818

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.



72.1946, 74.3464, 115.1304



74.7046, 74.3464, 55.7603



62.6028, 74.3464, 101.3551

Square

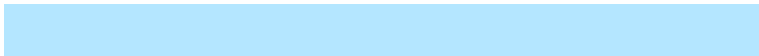
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7046, 74.3464, 55.7603



61.2115, 74.3464, 70.1154



66.7718, 74.3464, 112.7725



81.0428, 74.3464, 92.8482

Rectangle

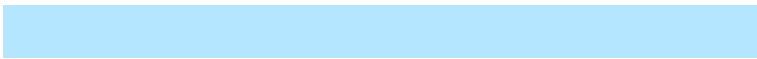
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7046, 74.3464, 55.7603



65.7419, 74.3464, 56.8877



66.7718, 74.3464, 112.7725



75.8259, 74.3464, 110.9910

Sweetspot

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



74.7064, 74.3497, 55.7618



88.5534, 91.9865, 91.3825



71.7070, 60.8721, 77.8181



18.7054, 19.3789, 18.8990



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.



74.7064, 74.3497, 55.7618



71.6152, 70.2721, 48.2425



84.5299, 93.9967, 59.0363



18.7054, 19.3789, 18.8990



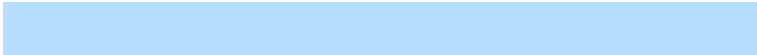
25.1133, 18.2378, 2.1966



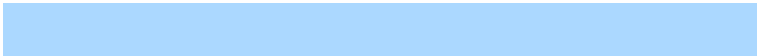
2.5532, 1.9918, 0.2499

Inverse Universe

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



63.9376, 69.6507, 104.6818



59.3375, 64.9122, 104.0096



55.7052, 53.1857, 101.9376



17.8081, 18.9877, 22.9764



14.2168, 13.3432, 51.2608



1.4936, 1.5180, 5.0275

Previews

White Background



This preview shows how the XYZ color 74.7046, 74.3464, 55.7603 looks on a white background.

Color Contrast Check

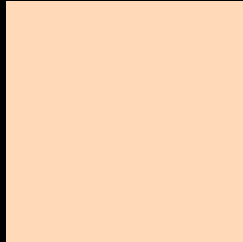
Large Text (above 18pt) WCAG AA × Fail

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 74.7046, 74.3464, 55.7603 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 74.7046, 74.3464, 55.7603

Background



This preview shows how black text looks on a background with the XYZ color 74.7046, 74.3464, 55.7603.



This preview shows how white text looks on a background with the XYZ color 74.7046, 74.3464,

55.7603.

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

74.7046, 74.3464, 55.7603

Protanopia

69.9494, 74.1961, 57.6483

Deuteranopia

75.0901, 74.0894, 59.0582



Tritanopia

78.8994, 74.3946, 82.8742

Trichromacy



Original Color

74.7046, 74.3464, 55.7603

Protanomaly

71.6815, 74.3128, 57.0201

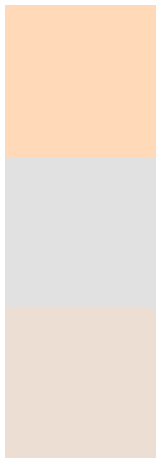
Deuteranomaly

74.8730, 74.0026, 57.9146

Tritanomaly

77.0444, 74.0563, 71.8616

Monochromacy



Original Color

74.7046, 74.3464, 55.7603

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3462, 74.7286, 71.5838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7046, 74.3464, 55.7603 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, 217, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 184) }
```

Border

The CSS property to change the border of an element to XYZ 74.7046, 74.3464, 55.7603 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, 217, 184) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7046, 74.3464, 55.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 184) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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