

Converting Colors

XYZ(75.5817, 71.5594, 54.6049)

Have a look what the booklet for
XYZ(75.5817, 71.5594, 54.6049)
contains.

XYZ(72.3431, 69.7906, 54.4578)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.3431, 69.7906,
54.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0B7
RGB	255, 208, 183
RGB Percent	100%, 82%, 72%
CMY	0.0000, 0.1843, 0.2823
CMYK	0.00, 0.18, 0.28, 0.00
HSL	21°, 100%, 86%
HSV	21°, 28%, 100%
XYZ	72.3431, 69.7906, 54.4578
YIQ	219.2030, 36.0370, 2.1890

Conversions

Conversions Part 2

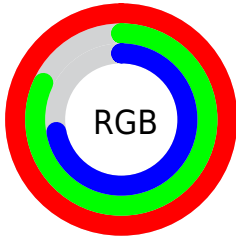
Format	Color
R _Y B	255, 221, 183
Decimal	16765111
CIE Lab	86.89, 13.01, 18.65
CIE LCh	87, 22.736, 55.103
Yxy	69.7906, 0.3680, 0.3550
Android (android.graphics.Color)	4294955191 (0xFFFFD0B7)
YUV	219.2030, -17.8481, 31.3940
Hunter-Lab	83.5408, 8.3778, 19.8291

Details

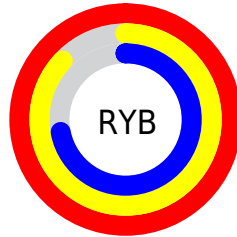
The XYZ color **72.3431, 69.7906, 54.4578** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8744, 73.8786, 105.3958**, and the grayscale version is **67.5768, 71.0960, 77.4236**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **38.6108, 36.5932, 26.1473** is the 20% darker color. If you saturate the color by 10%, you get **66.0786, 61.1313, 40.4401**, and if you desaturate by 10%, it is **79.5178, 79.5003, 71.1527**.

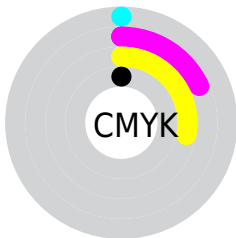
Distribution



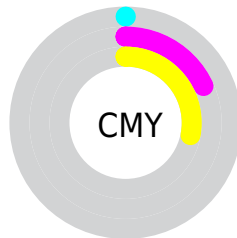
- Red (100%)
- Green (82%)
- Blue (72%)



- Red (100%)
- Yellow (87%)
- Blue (72%)



- Cyan (0%)
- Magenta (18%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.3431, 69.7906, 54.4578 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 72.3431, 69.7906, 54.4578 by changing the saturation by 10% instead.


 72.3431, 69.7906,
54.4578

 72.3431, 69.7906,
54.4578


457.8740,
459.8144, 421.0772

 53.7255, 51.3558,
38.5721


 121.5524,
118.9101, 98.2093

 38.6120, 36.4919,
26.1218

152.8747,
150.3636, 126.9121

 26.6374, 24.8143,
16.6882


189.1627,
186.9255, 160.7245

 17.4363, 15.9388,
9.8528

230.7816,
228.9802, 200.0648

 10.6432, 9.4808,
5.1972

278.0968,
276.9120, 245.3517

 5.8930, 5.0561,
2.3026

331.4737,

 2.8202, 2.2802,

331.1054, 297.0037

0.7327

391.2777,
391.9447, 355.4394

■ 1.0594, 0.7632,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.3431, 69.7906,
54.4578

■ 72.3431, 69.7906,
54.4578

■ 66.0786, 61.1313,
40.4401

■ 79.5178, 79.5003,
71.1527

■ 60.6802, 53.4764,
28.9542

■ 87.6340, 90.2856,
90.6512

■ 56.1072, 46.7901,
19.8471

95.0500, 100.0000,
108.9000

■ 52.3137, 41.0310,
12.9475

■ 49.2483, 36.1538,
8.0605

■ 46.8519, 32.1089,
4.9567

■ 45.0485, 28.8375,
3.3211

■ 44.7759, 28.3317,
3.1086

Harmonies

Analogous

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



76.0074, 69.7906, 64.2568



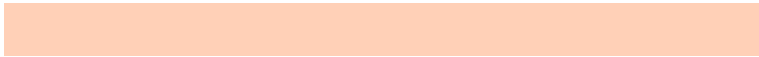
72.3431, 69.7906, 54.4578



67.2086, 69.7906, 50.4390

Triad

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



72.3431, 69.7906, 54.4578



56.6798, 69.7906, 73.5231



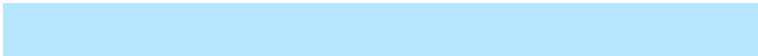
70.7566, 69.7906, 105.6364

Complementary

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



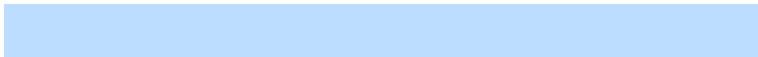
72.3431, 69.7906, 54.4578



65.8744, 73.8786, 105.3958

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.



65.4668, 69.7906, 108.9754



72.3431, 69.7906, 54.4578



57.5181, 69.7906, 89.0712

Square

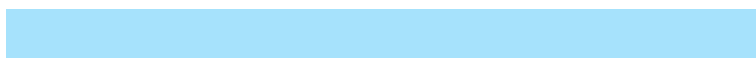
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3431, 69.7906, 54.4578



58.3136, 69.7906, 60.4707



60.6670, 69.7906, 102.5601



75.0577, 69.7906, 93.9606

Rectangle

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



72.3431, 69.7906, 54.4578



63.7112, 69.7906, 51.1289



60.6670, 69.7906, 102.5601



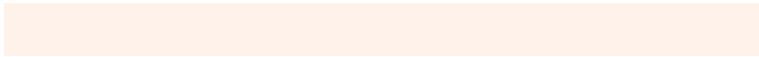
69.0276, 69.7906, 107.8317

Sweetspot

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



72.3448, 69.7938, 54.4592



87.8360, 90.5518, 91.1434



72.5977, 60.8972, 83.5297



18.5252, 19.0186, 18.8389



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.



72.3448, 69.7938, 54.4592



68.6239, 64.6744, 46.0590



81.8381, 88.7803, 57.6237



18.5252, 19.0186, 18.8389



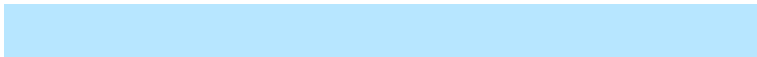
23.5216, 15.0545, 1.6661



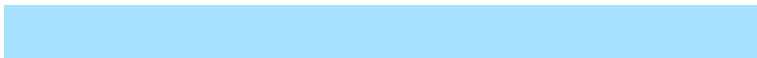
2.3877, 1.6608, 0.1947

Inverse Universe

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



65.8744, 73.8786, 105.3958



61.1578, 69.3686, 104.7739



57.0943, 56.3183, 102.4691



17.9927, 19.3571, 23.0379



16.7436, 18.3968, 52.1030



1.7325, 1.9957, 5.1072

Previews

White Background



This preview shows how the XYZ color 72.3431, 69.7906, 54.4578 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 72.3431, 69.7906, 54.4578 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 72.3431, 69.7906, 54.4578

Background



This preview shows how black text looks on a background with the XYZ color 72.3431, 69.7906, 54.4578.



This preview shows how white text looks on a background with the XYZ color 72.3431, 69.7906,

54.4578.

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

72.3431, 69.7906, 54.4578

Protanopia

66.2031, 69.9146, 57.5825

Deuteranopia

71.3775, 70.0213, 54.5532



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

72.3431, 69.7906, 54.4578

Protanomaly

68.1694, 69.8154, 56.3372

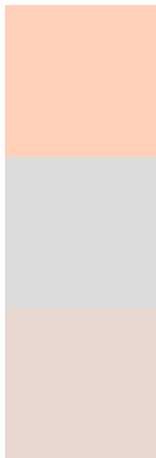
Deuteranomaly

71.4926, 69.7153, 54.4881

Tritanomaly

74.4519, 69.8588, 67.9526

Monochromacy



Original Color

72.3431, 69.7906, 54.4578

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.7197, 70.2129, 68.3230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3431, 69.7906, 54.4578 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, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 183) }
```

Border

The CSS property to change the border of an element to XYZ 72.3431, 69.7906, 54.4578 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, 208, 183) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3431, 69.7906, 54.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 183) }
```

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

```
.background{ background-color: rgb(255,  
208, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor