

Converting Colors

XYZ(140.4487, 107.8289,
59.9974)

Have a look what the booklet for
XYZ(140.4487, 107.8289, 59.9974)
contains.

XYZ(74.6588, 73.9169, 56.7868)	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(74.6588, 73.9169,
56.7868)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8BA
RGB	255, 216, 186
RGB Percent	100%, 85%, 73%
CMY	0.0000, 0.1529, 0.2706
CMYK	0.00, 0.15, 0.27, 0.00
HSL	26°, 100%, 86%
HSV	26°, 27%, 100%
XYZ	74.6588, 73.9169, 56.7868
YIQ	224.2410, 32.8740, -1.0620

Conversions

Conversions Part 2

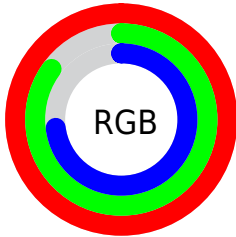
Format	Color
R _Y B	255, 239, 186
Decimal	16767162
CIE Lab	88.88, 9.25, 19.85
CIE LCh	89, 21.897, 65.002
Yxy	73.9169, 0.3635, 0.3599
Android (android.graphics.Color)	4294957242 (0xFFFFD8BA)
YUV	224.2410, -18.8528, 26.9756
Hunter-Lab	85.9749, 4.5494, 21.0212

Details

The XYZ color **74.6588, 73.9169, 56.7868** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2241, 71.5073, 104.9723**, and the grayscale version is **71.1396, 74.8444, 81.5055**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **40.0045, 39.0535, 27.6199** is the 20% darker color. If you saturate the color by 10%, you get **68.6548, 65.8670, 42.5834**, and if you desaturate by 10%, it is **81.4740, 82.8146, 73.6490**.

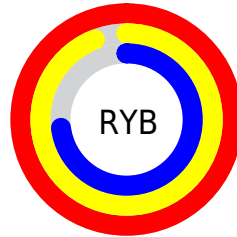
Distribution



Red (100%)

Green (85%)

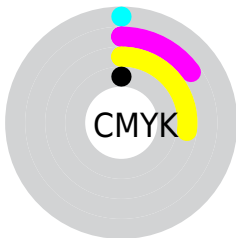
Blue (73%)



Red (100%)

Yellow (94%)

Blue (73%)

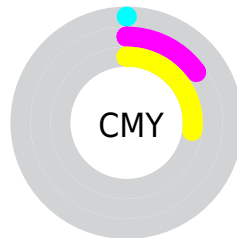


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6588, 73.9169, 56.7868 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 74.6588, 73.9169, 56.7868 by changing the saturation by 10% instead.


 74.6588, 73.9169,
56.7868

 74.6588, 73.9169,
56.7868


465.7593,
474.1865, 430.1213

 55.6266, 54.7260,
40.4259

 124.8198,
124.7780, 101.6513

 40.1394, 39.1824,
27.5544


156.6792,
157.2170, 130.9919

 27.8320, 26.9017,
17.7540


193.5452,
194.8409, 165.4962

 18.3388, 17.4994,
10.6059

235.7829,
238.0340, 205.5827

 11.2947, 10.5912,
5.6917

283.7578,
287.1807, 251.6699

 6.3342, 5.7927,
2.5928

337.8353,

 3.0919, 2.7194,

342.6654, 304.1764

0.8887

398.3807,
404.8726, 363.5206

■ 1.2025, 0.9871,
0.0000

■ 0.1084, 0.0000,
0.0000

■ 74.6588, 73.9169,
56.7868

■ 74.6588, 73.9169,
56.7868

■ 68.6548, 65.8670,
42.5834

■ 81.4740, 82.8146,
73.6490

■ 63.4227, 58.6282,
30.8959

■ 89.1268, 92.5756,
93.2935

■ 58.9275, 52.1752,
21.5750

95.0500, 100.0000,
108.9000

■ 55.1290, 46.4775,
14.4533

■ 51.9824, 41.5023,
9.3412

■ 49.4361, 37.2130,
6.0162

■ 47.4265, 33.5673,
4.1949

■ 46.9124, 32.6047,
3.8208

Harmonies

Analogous

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



78.9542, 73.9169, 64.8507



74.6588, 73.9169, 56.7868



69.3695, 73.9169, 54.7296

Triad

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



74.6588, 73.9169, 56.7868



60.5689, 73.9169, 83.0589



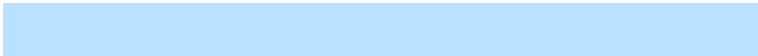
76.2756, 73.9169, 106.8858

Complementary

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



74.6588, 73.9169, 56.7868



65.2241, 71.5073, 104.9723

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.



71.1496, 73.9169, 113.2629



74.6588, 73.9169, 56.7868



62.2209, 73.9169, 98.4448

Square

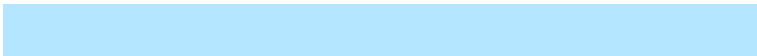
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6588, 73.9169, 56.7868



61.4038, 73.9169, 68.7491



66.0294, 73.9169, 109.9951



79.9201, 73.9169, 93.4812

Rectangle

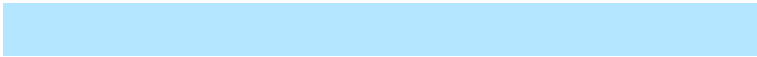
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6588, 73.9169, 56.7868



66.0289, 73.9169, 56.7873



66.0294, 73.9169, 109.9951



74.6593, 73.9169, 109.9943

Sweetspot

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



74.6606, 73.9202, 56.7883



88.3694, 91.6186, 91.3212



72.4036, 61.8203, 79.4227



18.6591, 19.2865, 18.8835



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.



74.6606, 73.9202, 56.7883



71.5938, 69.8370, 49.4449



84.4132, 93.4254, 60.0392



18.6591, 19.2865, 18.8835



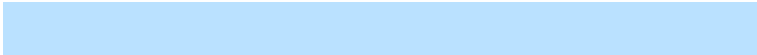
24.6548, 17.3209, 2.0438



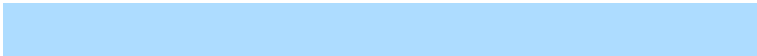
2.5068, 1.8990, 0.2344

Inverse Universe

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



65.2241, 71.5073, 104.9723



60.8384, 67.0823, 104.3494



56.8441, 54.7474, 102.1790



17.8549, 19.0814, 22.9920



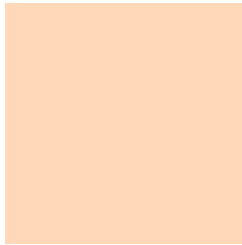
14.8028, 14.5152, 51.4561



1.5500, 1.6308, 5.0463

Previews

White Background



This preview shows how the XYZ color 74.6588, 73.9169, 56.7868 looks on a white background.

Color Contrast Check

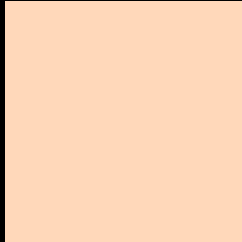
Large Text (above 18pt) WCAG AA × Fail

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 74.6588, 73.9169, 56.7868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

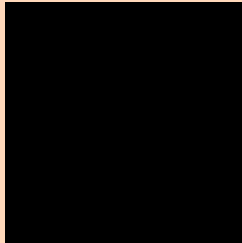
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6588, 73.9169, 56.7868

Background



This preview shows how black text looks on a background with the XYZ color 74.6588, 73.9169, 56.7868.



This preview shows how white text looks on a background with the XYZ color 74.6588, 73.9169,

56.7868.

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

74.6588, 73.9169, 56.7868

Protanopia

69.8339, 74.1116, 58.7684

Deuteranopia

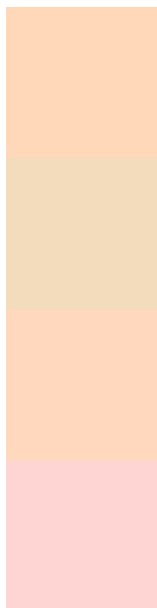
75.0901, 74.0894, 59.0582



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

74.6588, 73.9169, 56.7868

Protanomaly

71.2882, 73.6945, 58.0441

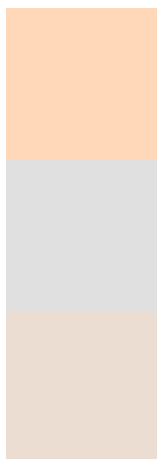
Deuteranomaly

74.9812, 74.0459, 58.4845

Tritanomaly

76.7921, 73.5516, 71.7775

Monochromacy



Original Color

74.6588, 73.9169, 56.7868

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.7503, 74.0282, 71.4800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6588, 73.9169, 56.7868 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, 216, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 186)  
}
```

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, 216, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 186) }
```

Border

The CSS property to change the border of an element to XYZ 74.6588, 73.9169, 56.7868 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, 216, 186) }
```


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

```
.border{ border-color:rgb(255, 216, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6588, 73.9169, 56.7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 186) }
```

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

```
.background{ background-color: rgb(255,  
216, 186) }
```

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