

Converting Colors

XYZ(165.9210, 120.5501,
60.5827)

Have a look what the booklet for
XYZ(165.9210, 120.5501, 60.5827)
contains.

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Color

**XYZ(74.2974, 73.3637,
56.1436)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7B9
RGB	255, 215, 185
RGB Percent	100%, 84%, 73%
CMY	0.0000, 0.1568, 0.2745
CMYK	0.00, 0.16, 0.27, 0.00
HSL	26°, 100%, 86%
HSV	26°, 27%, 100%
XYZ	74.2974, 73.3637, 56.1436
YIQ	223.5400, 33.4700, -0.8500

Conversions

Conversions Part 2

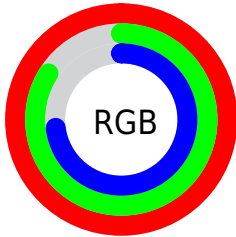
Format	Color
R _Y B	255, 238, 185
Decimal	16766905
CIE Lab	88.62, 9.64, 20.00
CIE LCh	89, 22.204, 64.273
Yxy	73.3637, 0.3646, 0.3600
Android (android.graphics.Color)	4294956985 (0xFFFFD7B9)
YUV	223.5400, -19.0002, 27.5904
Hunter-Lab	85.6526, 4.9437, 21.0934

Details

The XYZ color **74.2974, 73.3637, 56.1436** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.9819, 71.3823, 104.9610**, and the grayscale version is **70.6394, 74.3181, 80.9324**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **39.7616, 38.6779, 27.1997** is the 20% darker color. If you saturate the color by 10%, you get **68.2973, 65.2919, 42.0325**, and if you desaturate by 10%, it is **81.1144, 82.2960, 72.9105**.

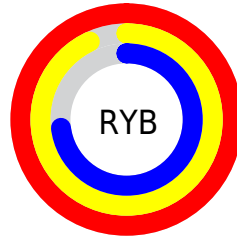
Distribution



Red (100%)

Green (84%)

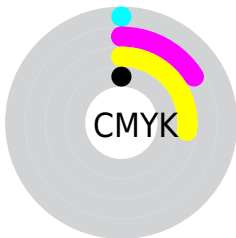
Blue (73%)



Red (100%)

Yellow (93%)

Blue (73%)

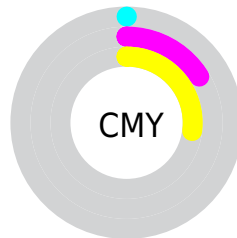


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2974, 73.3637, 56.1436 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 74.2974, 73.3637, 56.1436 by changing the saturation by 10% instead.


 74.2974, 73.3637,
56.1436

 74.2974, 73.3637,
56.1436


464.5336,
472.2744, 427.6360

 55.3296, 54.2734,
39.9133


 124.3105,
123.9934, 100.7024

 39.9006, 38.8203,
27.1577


156.0866,
156.3016, 129.8680

 27.6449, 26.6200,
17.4582

192.8628,
193.7845, 164.1824

 18.1972, 17.2880,
10.3963

235.0046,
236.8266, 204.0642

 11.1922, 10.4400,
5.5535

282.8772,
285.8123, 249.9319

 6.2645, 5.6917,
2.5112

336.8460,

 3.0488, 2.6585,

341.1258, 302.2041

0.8461

397.2763,
403.1517, 361.2992

■ 1.1796, 0.9562,
0.0000

■ 0.0902, 0.0000,
0.0000

■ 74.2974, 73.3637,
56.1436

■ 74.2974, 73.3637,
56.1436

■ 68.2973, 65.2919,
42.0325

■ 81.1144, 82.2960,
72.9105

■ 63.0742, 58.0433,
30.4340

■ 88.7750, 92.1051,
92.4572

■ 58.5929, 51.5920,
21.1978

95.0500, 100.0000,
108.9000

■ 54.8125, 45.9068,
14.1559

■ 51.6878, 40.9539,
9.1175

■ 49.1665, 36.6959,
5.8583

■ 47.1830, 33.0891,
4.0867

■ 46.7413, 32.2626,
3.7638

Harmonies

Analogous

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



78.5928, 73.3637, 64.3934



74.2974, 73.3637, 56.1436



68.9653, 73.3637, 53.9267

Triad

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



74.2974, 73.3637, 56.1436



59.9544, 73.3637, 82.0989



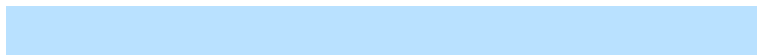
75.6928, 73.3637, 106.8214

Complementary

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



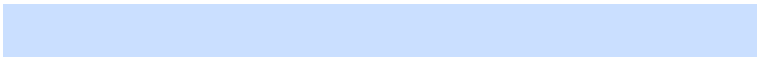
74.2974, 73.3637, 56.1436



64.9819, 71.3823, 104.9610

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.



70.5003, 73.3637, 113.0567



74.2974, 73.3637, 56.1436



61.5599, 73.3637, 97.6710

Square

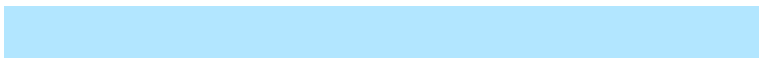
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2974, 73.3637, 56.1436



60.8563, 73.3637, 67.7476



65.3537, 73.3637, 109.5117



79.4270, 73.3637, 93.3821

Rectangle

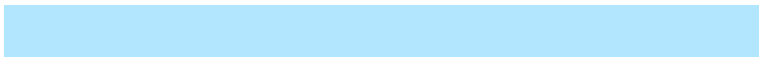
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2974, 73.3637, 56.1436



65.5808, 73.3637, 55.8939



65.3537, 73.3637, 109.5117



74.0506, 73.3637, 109.9025

Sweetspot

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



74.2992, 73.3670, 56.1451



88.3314, 91.5426, 91.3085



72.2940, 61.4405, 79.8810



18.6496, 19.2674, 18.8804



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.



74.2992, 73.3670, 56.1451



70.8701, 68.7819, 47.9941



83.9244, 92.6174, 59.3535



18.6496, 19.2674, 18.8804



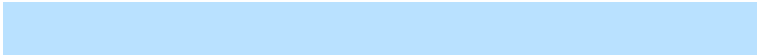
24.5645, 17.1403, 2.0137



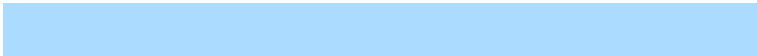
2.4976, 1.8805, 0.2313

Inverse Universe

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



64.9819, 71.3823, 104.9610



60.1250, 66.4871, 104.2721



56.6528, 54.7241, 102.1846



17.8646, 19.1009, 22.9952



14.9291, 14.7677, 51.4982



1.5621, 1.6549, 5.0504

Previews

White Background



This preview shows how the XYZ color 74.2974, 73.3637, 56.1436 looks on a white background.

Color Contrast Check

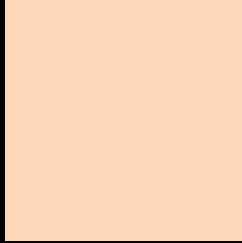
Large Text (above 18pt) WCAG AA × Fail

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 74.2974, 73.3637, 56.1436 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 74.2974, 73.3637, 56.1436

Background



This preview shows how black text looks on a background with the XYZ color 74.2974, 73.3637, 56.1436.



This preview shows how white text looks on a background with the XYZ color 74.2974, 73.3637,

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

74.2974, 73.3637, 56.1436

Protanopia

69.1301, 73.3658, 58.0944

Deuteranopia

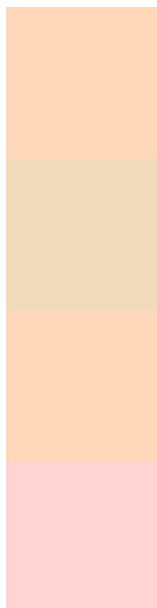
74.6175, 73.4917, 57.8295



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

74.2974, 73.3637, 56.1436

Protanomaly

70.9191, 73.1281, 57.3910

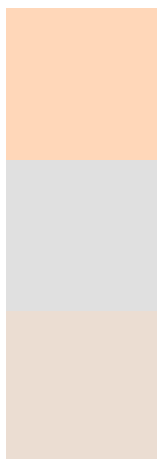
Deuteranomaly

74.5101, 73.4487, 57.2636

Tritanomaly

76.4163, 73.0001, 71.0356

Monochromacy



Original Color

74.2974, 73.3637, 56.1436

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 74.2974, 73.3637, 56.1436 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 185) }
```

Border

The CSS property to change the border of an element to XYZ 74.2974, 73.3637, 56.1436 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, 185) }
```


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

```
.border{ border-color:rgb(255, 215, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2974, 73.3637, 56.1436 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
215, 185) }
```

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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