

Converting Colors

XYZ(73.6213, 75.3731, 54.3843)

Have a look what the booklet for
XYZ(73.6213, 75.3731, 54.3843)
contains.

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Color

**XYZ(73.6213, 75.3731,
54.3843)**

Conversions

Conversions Part 1

Format	Color
Hex	FADD B5
RGB	250, 221, 181
RGB Percent	98%, 87%, 71%
CMY	0.0196, 0.1333, 0.2902
CMYK	0.00, 0.12, 0.28, 0.02
HSL	35°, 87%, 85%
HSV	35°, 28%, 98%
XYZ	73.6213, 75.3731, 54.3843
YIQ	225.1110, 30.1240, -6.2920

Conversions

Conversions Part 2

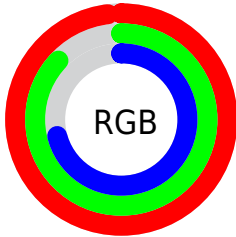
Format	Color
RYB	231, 250, 181
Decimal	16440757
CIELab	89.57, 4.16, 23.33
CIELCh	90, 23.696, 79.896
Yxy	75.3731, 0.3620, 0.3706
Android (android.graphics.Color)	4294630837 (0xFFFAADB5)
YUV	225.1110, -21.7467, 21.8277
Hunter-Lab	86.8177, -0.5631, 23.6320

Details

The XYZ color **73.6213, 75.3731, 54.3843** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.3575, 62.8174, 99.4393**, and the grayscale version is **71.7858, 75.5243, 82.2459**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **39.5248, 40.1684, 26.0922** is the 20% darker color. If you saturate the color by 10%, you get **68.5958, 69.0653, 41.1689**, and if you desaturate by 10%, it is **79.2846, 82.2190, 70.0849**.

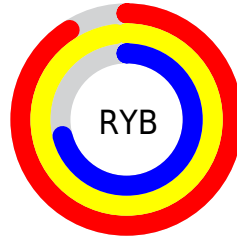
Distribution



Red (98%)

Green (87%)

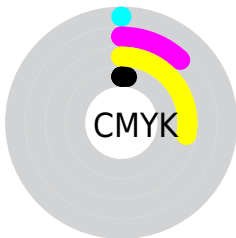
Blue (71%)



Red (91%)

Yellow (98%)

Blue (71%)

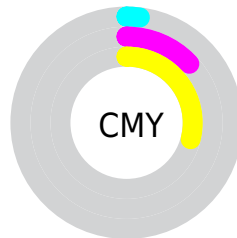


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6213, 75.3731, 54.3843 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 73.6213, 75.3731, 54.3843 by changing the saturation by 10% instead.


 73.6213, 75.3731,
54.3843

 73.6213, 75.3731,
54.3843


462.2358,
479.1990, 420.7898

 54.7743, 55.9186,
38.5137


 123.3572,
126.8404, 98.1004

 39.4542, 40.1377,
26.0767


154.9769,
159.6219, 126.7829

 27.2956, 27.6459,
16.6548


191.5848,
197.6146, 160.5732

 17.9331, 18.0589,
9.8293

233.5463,
241.2028, 199.8898

 11.0013, 10.9923,
5.1818

281.2268,
290.7710, 245.1512

 6.1350, 6.0616,
2.2937

334.9917,

 2.9688, 2.8826,

346.7035, 296.7760

0.7277

395.2062,
409.3847, 355.1826

■ 1.1373, 1.0708,
0.0000

■ 0.0560, 0.0000,
0.0000

■ 73.6213, 75.3731,
54.3843

■ 73.6213, 75.3731,
54.3843

■ 68.5958, 69.0653,
41.1689

■ 79.2846, 82.2190,
70.0849

■ 64.1746, 63.2693,
30.3032

■ 85.6057, 89.6081,
88.3870

■ 60.3293, 57.9711,
21.6460

■ 92.4491, 97.4934,
108.5533

■ 57.0268, 53.1523,
15.0387

■ 93.2345, 99.0641,
108.8150

■ 54.2296, 48.7922,
10.3012

■ 51.8943, 44.8679,
7.2217

■ 49.9641, 41.3507,
5.5204

■ 49.5417, 40.5586,
5.2175

Harmonies

Analogous

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



79.0940, 75.3731, 59.9121



73.6213, 75.3731, 54.3843



67.8982, 75.3731, 55.4678

Triad

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



73.6213, 75.3731, 54.3843



61.6228, 75.3731, 93.4671



80.5459, 75.3731, 104.4962

Complementary

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



73.6213, 75.3731, 54.3843



59.3575, 62.8174, 99.4393

Split Complementary

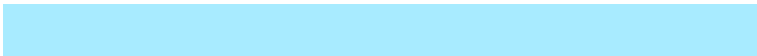
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5166, 75.3731, 116.0484



73.6213, 75.3731, 54.3843



64.6694, 75.3731, 109.1075

Square

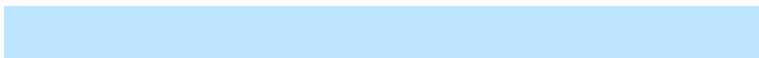
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6213, 75.3731, 54.3843



61.1767, 75.3731, 76.5728



69.6943, 75.3731, 117.8416



83.2328, 75.3731, 87.8210

Rectangle

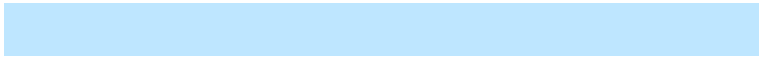
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6213, 75.3731, 54.3843



64.6985, 75.3731, 59.8516



69.6943, 75.3731, 117.8416



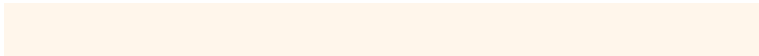
79.0608, 75.3731, 109.1978

Sweetspot

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



73.6233, 75.3765, 54.3859



89.2636, 93.4070, 91.6193



67.6942, 58.0708, 69.2040



18.8842, 19.7366, 18.9586



0.0000, 0.0000, 0.0000



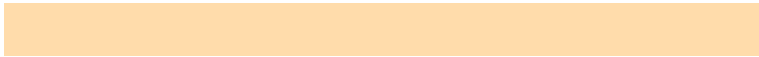
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6233, 75.3765, 54.3859



74.0749, 75.1917, 49.0624



80.3225, 91.1923, 57.0855



18.0806, 18.8970, 18.1569



26.4239, 21.8045, 2.8160



2.5521, 2.2291, 0.2958

Inverse Universe

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



59.3575, 62.8174, 99.4393



56.9341, 60.1054, 103.2085



53.9327, 50.3400, 97.3168



16.8824, 17.8417, 21.9393



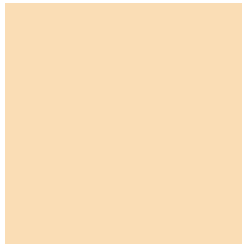
11.9700, 9.2956, 49.1369



1.2109, 1.0654, 4.5850

Previews

White Background



This preview shows how the XYZ color 73.6213, 75.3731, 54.3843 looks on a white background.

Color Contrast Check

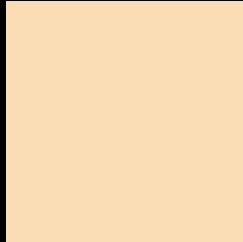
Large Text (above 18pt) WCAG AA × Fail

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 73.6213, 75.3731, 54.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

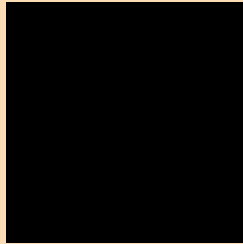
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6213, 75.3731, 54.3843

Background



This preview shows how black text looks on a background with the XYZ color 73.6213, 75.3731, 54.3843.



This preview shows how white text looks on a background with the XYZ color 73.6213, 75.3731,

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

73.6213, 75.3731, 54.3843

Protanopia

71.0691, 75.6200, 55.6501

Deuteranopia

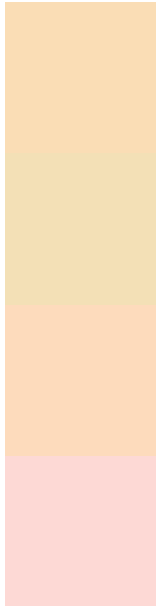
75.8258, 75.2086, 60.3894



Tritanopia

79.7104, 75.1227, 85.9002

Trichromacy



Original Color

73.6213, 75.3731, 54.3843

Protanomaly

72.0613, 75.7434, 55.0779

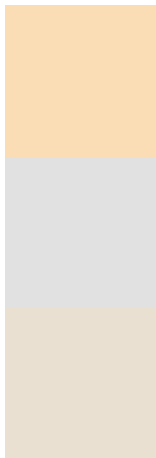
Deuteranomaly

74.9166, 75.1765, 58.1389

Tritanomaly

77.3311, 75.3125, 73.4118

Monochromacy



Original Color

73.6213, 75.3731, 54.3843

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0960, 75.4072, 71.0768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6213, 75.3731, 54.3843 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(250, 221, 181)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 181)  
}
```

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(250, 221, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 181) }
```

Border

The CSS property to change the border of an element to XYZ 73.6213, 75.3731, 54.3843 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(250, 221, 181) }
```


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

```
.border{ border-color:rgb(250, 221, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 221, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 181);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6213, 75.3731, 54.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 181) }
```

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

```
.background{ background-color: rgb(250,  
221, 181) }
```

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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