

Converting Colors

XYZ(73.2031, 75.0160, 57.7151)

Have a look what the booklet for
XYZ(73.2031, 75.0160, 57.7151)
contains.

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Color

**XYZ(73.1839, 75.0749,
57.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DDBB
RGB	247, 221, 187
RGB Percent	97%, 87%, 73%
CMY	0.0314, 0.1333, 0.2667
CMYK	0.00, 0.11, 0.24, 0.03
HSL	34°, 79%, 85%
HSV	34°, 24%, 97%
XYZ	73.1839, 75.0749, 57.6474
YIQ	224.8980, 26.4100, -5.0620

Conversions

Conversions Part 2

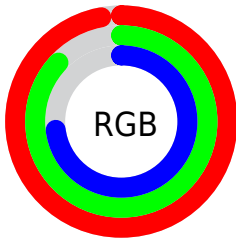
Format	Color
RYB	233, 247, 187
Decimal	16244155
CIELab	89.43, 3.85, 19.98
CIELCh	89, 20.343, 79.100
Yxy	75.0749, 0.3554, 0.3646
Android (android.graphics.Color)	4294434235 (0xFF7DDBB)
YUV	224.8980, -18.6837, 19.3835
Hunter-Lab	86.6458, -0.8631, 21.2051

Details

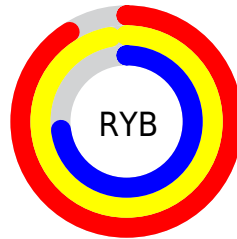
The XYZ color **73.1839, 75.0749, 57.6474** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.0759, 64.8671, 97.2978**, and the grayscale version is **71.6131, 75.3426, 82.0481**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **39.1745, 39.9408, 28.1989** is the 20% darker color. If you saturate the color by 10%, you get **68.0283, 68.6375, 43.9861**, and if you desaturate by 10%, it is **78.9784, 82.0613, 73.7672**.

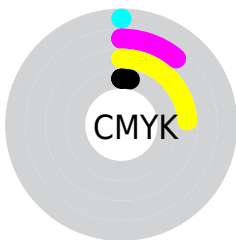
Distribution



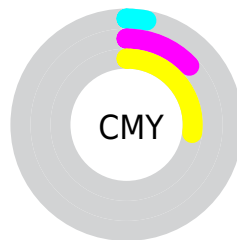
- Red (97%)
- Green (87%)
- Blue (73%)



- Red (91%)
- Yellow (97%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1839, 75.0749, 57.6474 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 73.1839, 75.0749, 57.6474 by changing the saturation by 10% instead.


 73.1839, 75.0749,
57.6474

 73.1839, 75.0749,
57.6474

460.7459,
478.1750, 433.4323

 54.4153, 55.6743,
41.1124


 122.7400,
126.4184, 102.9189

 39.1657, 39.9418,
28.0866


154.2581,
159.1300, 132.4925

 27.0700, 27.4932,
18.1513


190.7568,
197.0474, 167.2494

 17.7627, 17.9440,
10.8881

232.6014,
240.5550, 207.6082

 10.8784, 10.9098,
5.8784

280.1572,
290.0371, 253.9873

 6.0518, 6.0062,
2.7037

333.7897,

 2.9176, 2.8488,

345.8783, 306.8053

0.9453

393.8641,
408.4627, 366.4808

■ 1.1103, 1.0533,
0.0000

■ 0.0337, 0.0000,
0.0000

■ 73.1839, 75.0749,
57.6474

■ 73.1839, 75.0749,
57.6474

■ 68.0283, 68.6375,
43.9861

■ 78.9784, 82.0613,
73.7672

■ 63.4792, 62.7228,
32.6548

■ 85.4307, 89.6016,
92.4556

■ 59.5096, 57.3174,
23.5206

■ 91.5680, 97.3143,
108.5651

■ 56.0882, 52.4029,
16.4350

■ 92.1680, 98.5143,
108.7651

■ 53.1797, 47.9596,
11.2307

■ 50.7437, 43.9651,
7.7139

■ 48.7317, 40.3939,
5.6474

■ 47.7342, 38.5267,
4.9205

Harmonies

Analogous

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



77.8164, 75.0749, 62.7049



73.1839, 75.0749, 57.6474



68.2665, 75.0749, 58.4559

Triad

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



73.1839, 75.0749, 57.6474



62.6788, 75.0749, 91.0571



78.8475, 75.0749, 101.0618

Complementary

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



73.1839, 75.0749, 57.6474



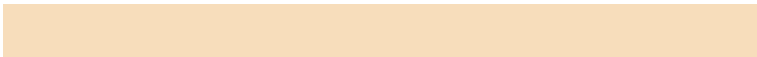
61.0759, 64.8671, 97.2978

Split Complementary

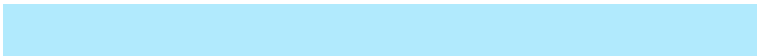
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5383, 75.0749, 110.5168



73.1839, 75.0749, 57.6474



65.2642, 75.0749, 104.2922

Square

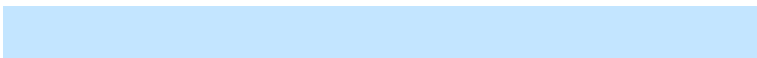
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1839, 75.0749, 57.6474



62.3540, 75.0749, 76.6632



69.5597, 75.0749, 111.7634



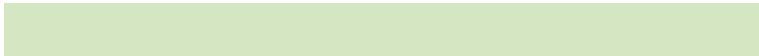
81.1861, 75.0749, 87.0441

Rectangle

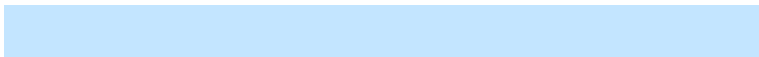
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1839, 75.0749, 57.6474



65.4818, 75.0749, 62.2417



69.5597, 75.0749, 111.7634



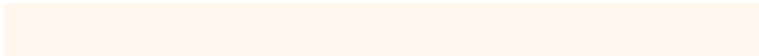
77.5724, 75.0749, 104.9454

Sweetspot

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



73.1859, 75.0783, 57.6490



89.8903, 94.0678, 93.6549



68.1391, 60.1198, 70.9646



19.1486, 20.0279, 19.7788



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.



73.1859, 75.0783, 57.6490



75.9629, 77.3528, 54.6699



79.1932, 89.1647, 60.0513



17.2786, 18.0413, 17.3692



25.3888, 20.6633, 2.6503



2.3335, 2.0202, 0.2670

Inverse Universe

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



61.0759, 64.8671, 97.2978



60.9344, 64.6831, 103.8812



56.0456, 53.3334, 95.3367



16.1717, 17.1077, 20.9923



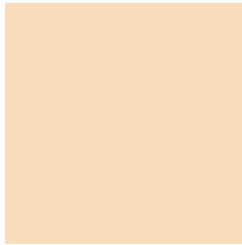
11.7954, 9.3845, 47.7277



1.1368, 1.0251, 4.2282

Previews

White Background



This preview shows how the XYZ color 73.1839, 75.0749, 57.6474 looks on a white background.

Color Contrast Check

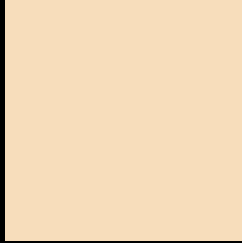
Large Text (above 18pt) WCAG AA × Fail

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 73.1839, 75.0749, 57.6474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

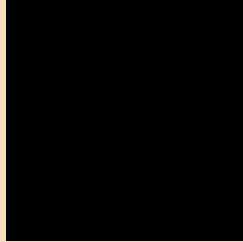
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1839, 75.0749, 57.6474

Background



This preview shows how black text looks on a background with the XYZ color 73.1839, 75.0749, 57.6474.



This preview shows how white text looks on a background with the XYZ color 73.1839, 75.0749,

57.6474.

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

73.1839, 75.0749, 57.6474

Protanopia

70.7660, 74.9900, 58.8889

Deuteranopia

75.7905, 74.7808, 61.4785



Tritanopia

78.8691, 75.0658, 85.9336

Trichromacy



Original Color

73.1839, 75.0749, 57.6474

Protanomaly

71.7404, 75.1070, 58.2929

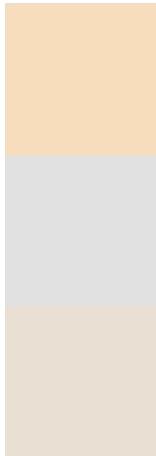
Deuteranomaly

74.6203, 74.5998, 59.7565

Tritanomaly

76.5029, 74.8560, 74.7065

Monochromacy



Original Color

73.1839, 75.0749, 57.6474

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0178, 75.3381, 72.3740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1839, 75.0749, 57.6474 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(247, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 187)  
}
```

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(247, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 187) }
```

Border

The CSS property to change the border of an element to XYZ 73.1839, 75.0749, 57.6474 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(247, 221, 187) }
```


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

```
.border{ border-color:rgb(247, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1839, 75.0749, 57.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 187) }
```

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

```
.background{ background-color: rgb(247,  
221, 187) }
```

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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