

Converting Colors

XYZ(71.8368, 73.6418, 61.3555)

Have a look what the booklet for
XYZ(71.8368, 73.6418, 61.3555)
contains.

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Color

**XYZ(71.6871, 73.4353,
61.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DBC2
RGB	242, 219, 194
RGB Percent	95%, 86%, 76%
CMY	0.0510, 0.1412, 0.2392
CMYK	0.00, 0.10, 0.20, 0.05
HSL	31°, 65%, 85%
HSV	31°, 20%, 95%
XYZ	71.6871, 73.4353, 61.4351
YIQ	223.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

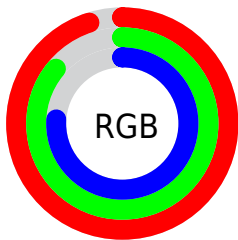
Format	Color
R _Y B	238, 242, 194
Decimal	15915970
CIE Lab	88.65, 4.03, 15.17
CIE LCh	89, 15.701, 75.114
Yxy	73.4353, 0.3471, 0.3555
Android (android.graphics.Color)	4294106050 (0xFFFF2DBC2)
YUV	223.0270, -14.3103, 16.6393
Hunter-Lab	85.6944, -0.6422, 17.4805

Details

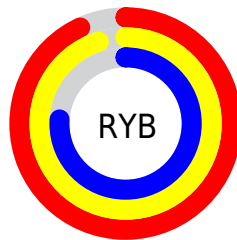
The XYZ color **71.6871, 73.4353, 61.4351** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0877, 67.5044, 93.7096**, and the grayscale version is **70.2477, 73.9061, 80.4837**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **38.0167, 38.7587, 30.2884** is the 20% darker color. If you saturate the color by 10%, you get **66.2680, 66.5979, 47.2939**, and if you desaturate by 10%, it is **77.7635, 80.8777, 77.9807**.

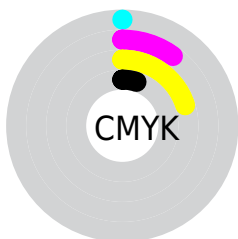
Distribution



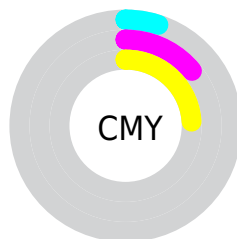
- Red (95%)
- Green (86%)
- Blue (76%)



- Red (93%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6871, 73.4353, 61.4351 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 71.6871, 73.4353, 61.4351 by changing the saturation by 10% instead.

71.6871, 73.4353,
61.4351

71.6871, 73.4353,
61.4351

455.6263,
472.5221, 447.8182

53.1877, 54.3320,
44.1436

120.6248,
124.0950, 108.4723

38.1807, 38.8671,
30.4454

151.7937,
156.4201, 139.0551

26.3008, 26.6564,
19.9220

187.9165,
193.9213, 174.9054

17.1827, 17.3153,
12.1548

229.3586,
236.9830, 216.4417

10.4609, 10.4596,
6.7254

276.4853,
285.9895, 264.0826

5.7702, 5.7047,
3.2151

329.6619,

2.7452, 2.6664,

341.3253, 318.2466

1.2055

389.2538,
403.3747, 379.3523

■ 1.0205, 0.9601,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6871, 73.4353,
61.4351

■ 71.6871, 73.4353,
61.4351

■ 66.2680, 66.5979,
47.2939

■ 77.7635, 80.8777,
77.9807

■ 61.4746, 60.3385,
35.4384

■ 84.5153, 88.9315,
97.0323

■ 57.2814, 54.6424,
25.7465

■ 90.0423, 96.8456,
108.5551

■ 53.6583, 49.4903,
18.0831

■ 90.4282, 97.6174,
108.6837

■ 50.5724, 44.8615,
12.2973

■ 47.9863, 40.7333,
8.2170

■ 45.8565, 37.0801,
5.6376

■ 44.1142, 33.8659,
4.2232

■ 44.0874, 33.8158,
4.2034

Harmonies

Analogous

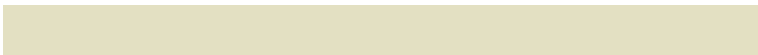
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0686, 73.4353, 66.0629



71.6871, 73.4353, 61.4351



67.9149, 73.4353, 61.4532

Triad

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



71.6871, 73.4353, 61.4351



62.9958, 73.4353, 85.5255



75.0902, 73.4353, 95.6114

Complementary

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



71.6871, 73.4353, 61.4351



63.0877, 67.5044, 93.7096

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.



71.7157, 73.4353, 101.8494



71.6871, 73.4353, 61.4351



64.7801, 73.4353, 95.6778

Square

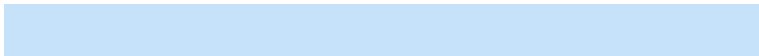
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6871, 73.4353, 61.4351



62.9887, 73.4353, 74.7155



67.9425, 73.4353, 101.8748



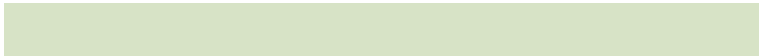
77.0812, 73.4353, 85.4413

Rectangle

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



71.6871, 73.4353, 61.4351



65.6892, 73.4353, 64.0710



67.9425, 73.4353, 101.8748



74.0748, 73.4353, 98.2767

Sweetspot

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



71.6891, 73.4386, 61.4366



90.3897, 94.4656, 95.6743



68.4610, 62.4820, 74.2349



19.2422, 20.0939, 20.1836



0.0000, 0.0000, 0.0000



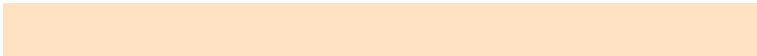
20.3446, 21.4041, 23.3091

Same Dimension

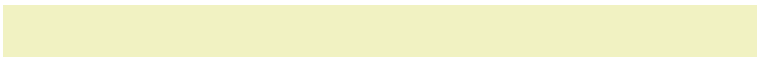
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6891, 73.4386, 61.4366



78.0648, 79.3654, 62.1258



77.8344, 86.1360, 63.5636



16.4541, 17.1213, 16.5872



23.8218, 18.4417, 2.3041



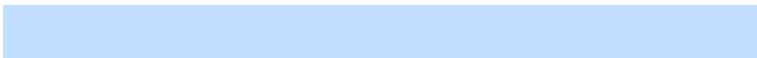
2.0814, 1.7334, 0.2249

Inverse Universe

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



63.0877, 67.5044, 93.7096



66.6663, 71.5019, 104.8953



57.7738, 56.5709, 91.8793



15.5220, 16.4782, 20.0841



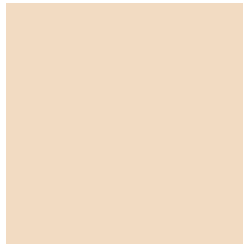
12.0961, 10.4164, 46.5009



1.1054, 1.0647, 3.9015

Previews

White Background



This preview shows how the XYZ color 71.6871, 73.4353, 61.4351 looks on a white background.

Color Contrast Check

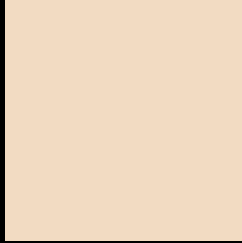
Large Text (above 18pt) WCAG AA × Fail

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 71.6871, 73.4353, 61.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

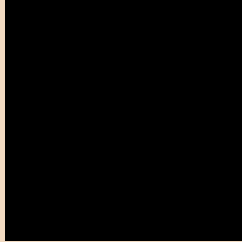
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

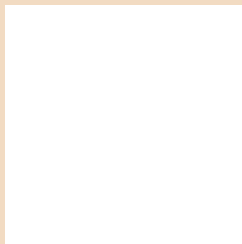
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6871, 73.4353, 61.4351

Background



This preview shows how black text looks on a background with the XYZ color 71.6871, 73.4353, 61.4351.



This preview shows how white text looks on a background with the XYZ color 71.6871, 73.4353, 61.4351.

61.4351.

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

71.6871, 73.4353, 61.4351

Protanopia

69.6894, 73.5517, 62.7484

Deuteranopia

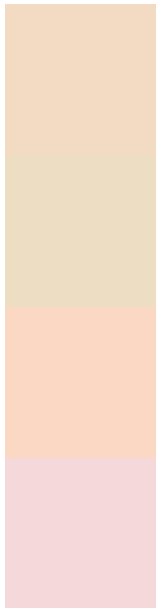
74.7699, 73.1041, 61.7995



Tritanopia

76.6873, 73.5805, 85.0235

Trichromacy



Original Color

71.6871, 73.4353, 61.4351

Protanomaly

70.2988, 73.4859, 62.1088

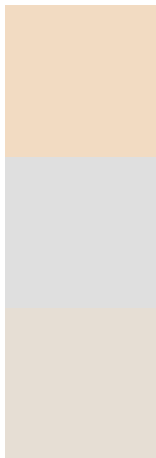
Deuteranomaly

73.8305, 73.3759, 61.9014

Tritanomaly

74.7364, 73.5340, 75.9001

Monochromacy



Original Color

71.6871, 73.4353, 61.4351

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.6381, 73.8190, 72.8128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6871, 73.4353, 61.4351 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(242, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 194)  
}
```

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(242, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 194) }
```

Border

The CSS property to change the border of an element to XYZ 71.6871, 73.4353, 61.4351 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(242, 219, 194) }
```


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

```
.border{ border-color:rgb(242, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6871, 73.4353, 61.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 194) }
```

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

```
.background{ background-color: rgb(242,  
219, 194) }
```

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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