

Converting Colors

XYZ(74.1337, 81.2834, 64.1598)

Have a look what the booklet for
XYZ(74.1337, 81.2834, 64.1598)
contains.

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Color

**XYZ(73.9331, 81.0644,
63.9748)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEBC4
RGB	235, 235, 196
RGB Percent	92%, 92%, 77%
CMY	0.0784, 0.0784, 0.2314
CMYK	0.00, 0.00, 0.17, 0.08
HSL	60°, 49%, 85%
HSV	60°, 17%, 92%
XYZ	73.9331, 81.0644, 63.9748
YIQ	230.5540, 12.5190, -12.1290

Conversions

Conversions Part 2

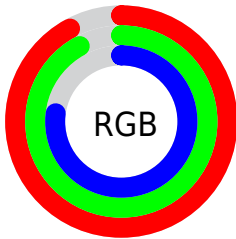
Format	Color
R _Y B	196, 235, 196
Decimal	15461316
CIE Lab	92.16, -6.37, 18.97
CIE LCh	92, 20.013, 108.565
Yxy	81.0644, 0.3376, 0.3702
Android (android.graphics.Color)	4293651396 (0xFFEBBC4)
YUV	230.5540, -17.0351, 3.8991
Hunter-Lab	90.0358, -10.9869, 20.8966

Details

The XYZ color **73.9331, 81.0644, 63.9748** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.5034, 57.2159, 86.6148**, and the grayscale version is **75.7421, 79.6866, 86.7787**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **39.5930, 43.7769, 31.9542** is the 20% darker color. If you saturate the color by 10%, you get **71.4648, 80.0797, 50.9729**, and if you desaturate by 10%, it is **76.8247, 82.2239, 79.1869**.

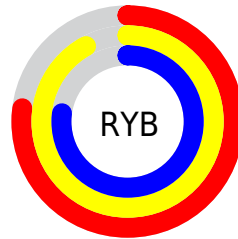
Distribution



Red (92%)

Green (92%)

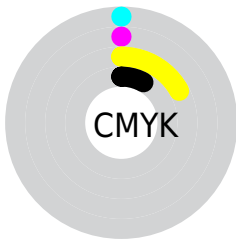
Blue (77%)



Red (77%)

Yellow (92%)

Blue (77%)

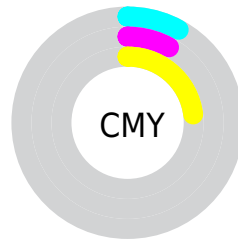


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9331, 81.0644, 63.9748 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 73.9331, 81.0644, 63.9748 by changing the saturation by 10% instead.

73.9331, 81.0644,
63.9748

73.9331, 81.0644,
63.9748

463.2963,
498.5127, 457.3036

55.0304, 60.5946,
46.1842

123.7970,
134.8612, 112.1738

39.6600, 43.8981,
32.0415

155.4888,
168.9570, 143.4192

27.4566, 30.5904,
21.1281

192.1745,
208.3636, 179.9867

18.0548, 20.2872,
13.0255

234.2192,
253.4655, 222.2948

11.0892, 12.6040,
7.3152

281.9884,
304.6469, 270.7619

6.1946, 7.1564,
3.5786

335.8474,

3.0056, 3.5601,

362.2923, 325.8068

1.3971

396.1616,
426.7861, 387.8478

■ 1.1567, 1.4307,
0.1395

■ 0.0718, 0.2392,
0.0000

■ 73.9331, 81.0644,
63.9748

■ 73.9331, 81.0644,
63.9748

■ 71.4648, 80.0797,
50.9729

■ 76.8247, 82.2239,
79.1869

■ 69.3940, 79.2512,
40.0736


■ 80.1514, 83.5547,
96.6997


■ 67.7018, 78.5742,
31.1680

■ 82.0244, 84.3040,
106.5569


■ 66.3653, 78.0395,
24.1355

■ 82.0254, 84.3045,
106.5569


 65.3591, 77.6369,
18.8425


 82.0265, 84.3051,
106.5570


 64.6545, 77.3550,
15.1376


 82.0275, 84.3056,
106.5570


 64.2179, 77.1802,
12.8436

 82.0285, 84.3061,
106.5571

 64.0067, 77.0956,
11.7371

 82.0296, 84.3067,
106.5571

 63.9625, 77.0779,
11.5063

 82.0306, 84.3072,
106.5572

Harmonies

Analogous

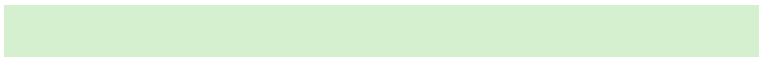
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0332, 81.0644, 63.2395



73.9331, 81.0644, 63.9748



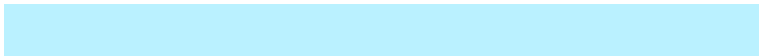
69.8472, 81.0644, 70.7640

Triad

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



73.9331, 81.0644, 63.9748



70.6678, 81.0644, 111.3299



87.1896, 81.0644, 94.0196

Complementary

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



73.9331, 81.0644, 63.9748



57.5034, 57.2159, 86.6148

Split Complementary

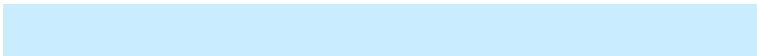
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7302, 81.0644, 108.4377



73.9331, 81.0644, 63.9748



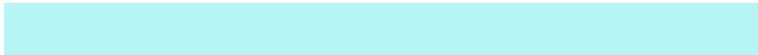
75.0989, 81.0644, 119.1507

Square

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



73.9331, 81.0644, 63.9748



68.0208, 81.0644, 97.6256



80.2518, 81.0644, 118.0368



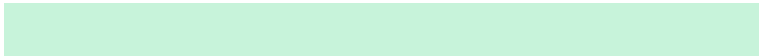
86.8432, 81.0644, 79.5234

Rectangle

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



73.9331, 81.0644, 63.9748



68.1773, 81.0644, 78.2827



80.2518, 81.0644, 118.0368



86.6593, 81.0644, 99.0625

Sweetspot

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



73.9352, 81.0680, 63.9765



93.0640, 99.2055, 98.4450



63.9673, 61.1295, 60.6534



19.8621, 21.2111, 20.7689



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.



73.9352, 81.0680, 63.9765



87.8966, 97.1383, 71.2437



67.8466, 77.9292, 63.6916



16.3518, 17.6269, 16.0592



35.5961, 42.8949, 6.4034



2.7952, 3.3683, 0.5028

Inverse Universe

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



57.5034, 57.2159, 86.6148



64.5466, 63.2441, 103.4131



62.9091, 60.0027, 86.8678



14.2315, 14.5491, 18.9804



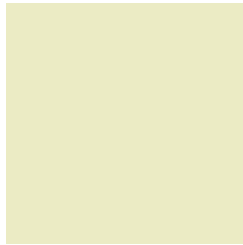
8.3459, 3.3384, 43.9475



0.6554, 0.2622, 3.4509

Previews

White Background



This preview shows how the XYZ color 73.9331, 81.0644, 63.9748 looks on a white background.

Color Contrast Check

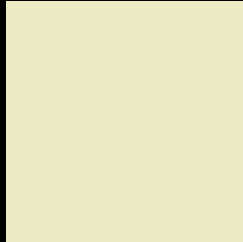
Large Text (above 18pt) WCAG AA × Fail

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 73.9331, 81.0644, 63.9748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

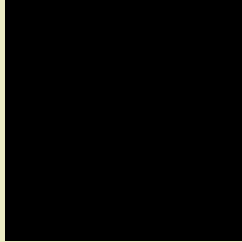
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

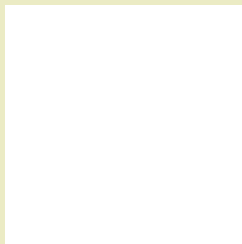
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.9331, 81.0644, 63.9748

Background



This preview shows how black text looks on a background with the XYZ color 73.9331, 81.0644, 63.9748.



This preview shows how white text looks on a background with the XYZ color 73.9331, 81.0644,

63.9748.

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

73.9331, 81.0644, 63.9748

Protanopia

76.2504, 81.0207, 62.6587

Deuteranopia

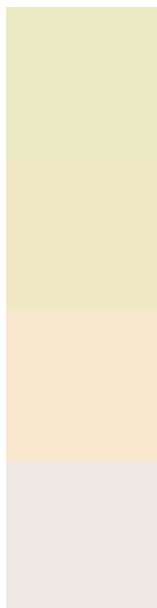
80.5928, 80.9516, 73.6649



Tritanopia

80.9959, 81.0179, 98.5578

Trichromacy



Original Color

73.9331, 81.0644, 63.9748

Protanomaly

75.2649, 80.9187, 63.2818

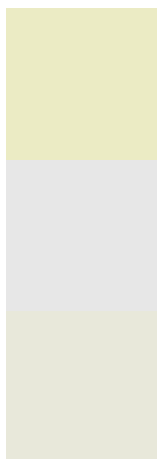
Deuteranomaly

78.1488, 81.0063, 69.9094

Tritanomaly

78.1761, 81.1040, 84.9331

Monochromacy



Original Color

73.9331, 81.0644, 63.9748

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.7902, 79.9310, 77.8160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9331, 81.0644, 63.9748 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(235, 235, 196)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 196)  
}
```

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(235, 235, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 196) }
```

Border

The CSS property to change the border of an element to XYZ 73.9331, 81.0644, 63.9748 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(235, 235, 196) }
```


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

```
.border{ border-color:rgb(235, 235, 196) }
```

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

Here you see how a box with a 4 pixel rgb(235, 235, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 235, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 235, 196);  
box-shadow:4px 4px 4px 4px rgb(235, 235,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9331, 81.0644, 63.9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 196) }
```

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

```
.background{ background-color: rgb(235,  
235, 196) }
```

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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