

Converting Colors

XYZ(73.6399, 74.4011, 81.0007)

Have a look what the booklet for
XYZ(73.6399, 74.4011, 81.0007)
contains.

XYZ(73.6398, 74.4011, 81.0006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.6398, 74.4011,
81.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCE0
RGB	236, 220, 224
RGB Percent	93%, 86%, 88%
CMY	0.0745, 0.1372, 0.1216
CMYK	0.00, 0.07, 0.05, 0.07
HSL	345°, 30%, 89%
HSV	345°, 7%, 93%
XYZ	73.6398, 74.4011, 81.0006
YIQ	225.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

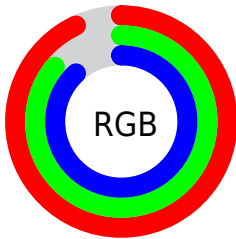
Format	Color
R _Y B	236, 220, 224
Decimal	15523040
CIE Lab	89.11, 6.16, 0.01
CIE LCh	89, 6.160, 0.066
Yxy	74.4011, 0.3215, 0.3248
Android (android.graphics.Color)	4293713120 (0xFFECDCE0)
YUV	225.2400, -0.6113, 9.4365
Hunter-Lab	86.2561, 1.4435, 4.7017

Details

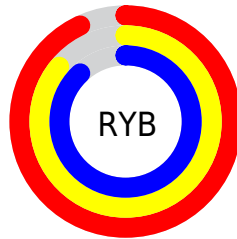
The XYZ color **73.6398, 74.4011, 81.0006** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0790, 81.0346, 88.0848**, and the grayscale version is **71.7425, 75.4787, 82.1963**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4390, 39.4781, 43.0775** is the 20% darker color. If you saturate the color by 10%, you get **65.6007, 61.9668, 67.0851**, and if you desaturate by 10%, it is **82.8075, 88.6906, 96.5277**.

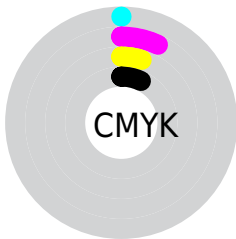
Distribution



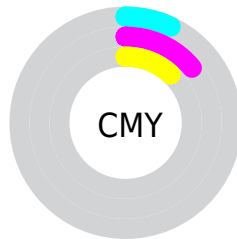
- Red (93%)
- Green (86%)
- Blue (88%)



- Red (93%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6398, 74.4011, 81.0006 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 73.6398, 74.4011, 81.0006 by changing the saturation by 10% instead.

73.6398, 74.4011,
81.0006

73.6398, 74.4011,
81.0006

462.2988,
475.8565, 518.0940

54.7895, 55.1224,
60.0111

123.3833,
125.4642, 136.5957

39.4664, 39.4997,
43.0022

155.0072,
158.0174, 172.0383

27.3051, 27.1487,
29.5554

191.6198,
195.7643, 213.1358

17.9403, 17.6849,
19.2522

233.5863,
239.0891, 260.3066

11.0065, 10.7240,
11.6740

281.2720,
288.3764, 313.9693

6.1386, 5.8816,
6.4023

335.0425,

2.9710, 2.7732,

344.0104, 374.5424

3.0185

395.2630,
406.3757, 442.4444

■ 1.1384, 1.0145,
1.1041

■ 0.0569, 0.0000,
0.0000

■ 73.6398, 74.4011,
81.0006

■ 73.6398, 74.4011,
81.0006

■ 65.6007, 61.9668,
67.0851

■ 82.8075, 88.6906,
96.5277

■ 58.6399, 51.3021,
54.7241

■ 88.4025, 96.5731,
108.5889

■ 52.7124, 42.3290,
43.8641

■ 47.7678, 34.9600,
34.4467

■ 43.7513, 29.0996,
26.4096

■ 40.6023, 24.6422,
19.6856

■ 38.2530, 21.4684,
14.2019

■ 36.6247, 19.4385,
9.8773

■ 35.6193, 18.3759,
6.6191

Harmonies

Analogous

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



73.2452, 74.4011, 85.2025



73.6398, 74.4011, 81.0006



73.2418, 74.4011, 76.9416

Triad

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



73.6398, 74.4011, 81.0006



69.2808, 74.4011, 74.0692



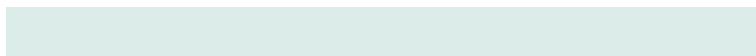
69.2864, 74.4011, 88.3818

Complementary

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



73.6398, 74.4011, 81.0006



74.0790, 81.0346, 88.0848

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.



68.2490, 74.4011, 85.2196



73.6398, 74.4011, 81.0006



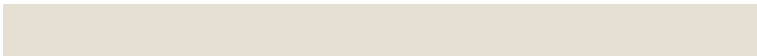
68.2457, 74.4011, 76.9576

Square

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



73.6398, 74.4011, 81.0006



70.7127, 74.4011, 73.0271



67.8707, 74.4011, 81.0197



70.7193, 74.4011, 89.5548

Rectangle

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



73.6398, 74.4011, 81.0006



72.5837, 74.4011, 74.8396



67.8707, 74.4011, 81.0197



68.8806, 74.4011, 87.5109

Sweetspot

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



73.6419, 74.4043, 81.0022



92.8346, 96.5451, 105.1528



74.0146, 74.4018, 89.8178



19.8936, 20.7008, 22.5464



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

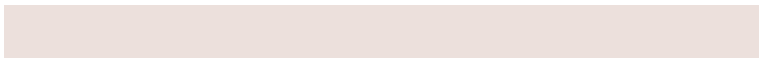
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6419, 74.4043, 81.0022



86.5170, 86.7211, 94.3805



74.1684, 76.3144, 78.5351



15.2198, 15.1158, 16.4428



19.5458, 10.0210, 3.4098



1.5724, 0.8019, 0.4656

Inverse Universe

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



73.6419, 74.4043, 81.0022



86.5170, 86.7211, 94.3805



73.5147, 78.9873, 90.7292



15.2198, 15.1158, 16.4428



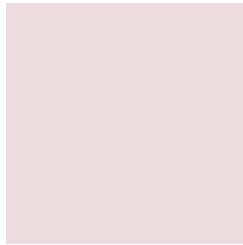
19.5458, 10.0210, 3.4098



1.5724, 0.8019, 0.4656

Previews

White Background



This preview shows how the XYZ color 73.6398, 74.4011, 81.0006 looks on a white background.

Color Contrast Check

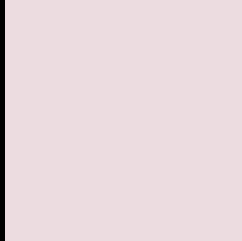
Large Text (above 18pt) WCAG AA × Fail

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 73.6398, 74.4011, 81.0006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

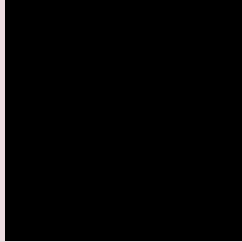
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

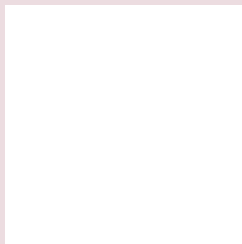
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6398, 74.4011, 81.0006

Background



This preview shows how black text looks on a background with the XYZ color 73.6398, 74.4011, 81.0006.

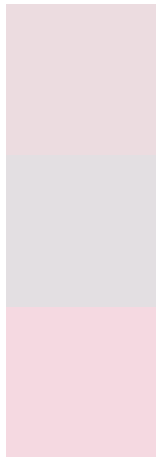


This preview shows how white text looks on a background with the XYZ color 73.6398, 74.4011,

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

73.6398, 74.4011, 81.0006

Protanopia

71.7937, 74.5972, 82.5663

Deuteranopia

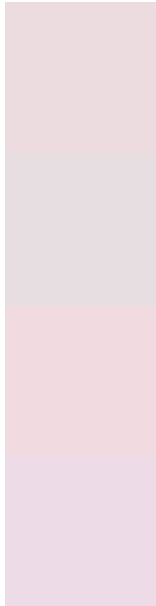
76.0596, 74.4744, 81.6004



Tritanopia

75.3267, 74.3181, 88.9719

Trichromacy



Original Color

73.6398, 74.4011, 81.0006

Protanomaly

72.3450, 74.5018, 81.8015

Deuteranomaly

75.2800, 74.4563, 81.6380

Tritanomaly

74.6804, 74.4371, 86.0330

Monochromacy



Original Color

73.6398, 74.4011, 81.0006

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2914, 74.8696, 81.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6398, 74.4011, 81.0006 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(236, 220, 224) looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 224)  
}
```

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(236, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.6398, 74.4011, 81.0006 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(236, 220, 224) }
```


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

```
.border{ border-color:rgb(236, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6398, 74.4011, 81.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 224) }
```

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

```
.background{ background-color: rgb(236,  
220, 224) }
```

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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