

Converting Colors

XYZ(73.4393, 79.2534, 64.9019)

Have a look what the booklet for
XYZ(73.4393, 79.2534, 64.9019)
contains.

| | |
|--|----|
| XYZ(73.3610, 79.0619, 64.8200) | 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(73.3610, 79.0619,
64.8200)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ECE7C6 |
| RGB | 236, 231, 198 |
| RGB Percent | 93%, 91%, 78% |
| CMY | 0.0745, 0.0941, 0.2235 |
| CMYK | 0.00, 0.02, 0.16, 0.07 |
| HSL | 52°, 50%, 85% |
| HSV | 52°, 16%, 93% |
| XYZ | 73.3610, 79.0619, 64.8200 |
| YIQ | 228.7330, 13.5730, -9.2030 |

Conversions

Conversions Part 2

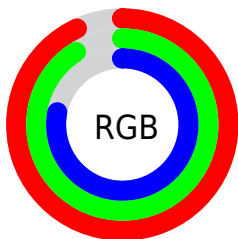
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 204, 236, 198 |
| Decimal | 15525830 |
| CIELab | 91.26, -3.69, 16.69 |
| CIELCh | 91, 17.091, 102.468 |
| Yxy | 79.0619, 0.3377, 0.3639 |
| Android (android.graphics.Color) | 4293715910 (0xFFECE7C6) |
| YUV | 228.7330, -15.1514, 6.3732 |
| Hunter-Lab | 88.9168, -8.3324, 19.0195 |

Details

The XYZ color **73.3610, 79.0619, 64.8200** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **59.7847, 60.7725, 87.9367**, and the grayscale version is **74.3825, 78.2562, 85.2210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3818, 42.7676, 32.5649** is the 20% darker color. If you saturate the color by 10%, you get **69.9884, 76.3385, 51.2961**, and if you desaturate by 10%, it is **77.1774, 81.9927, 80.5863**.

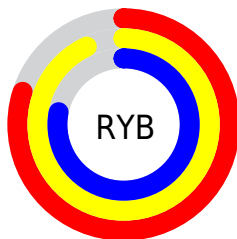
Distribution



Red (93%)

Green (91%)

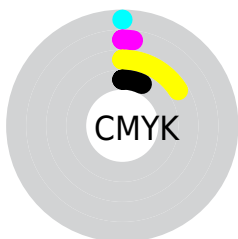
Blue (78%)



Red (80%)

Yellow (93%)

Blue (78%)

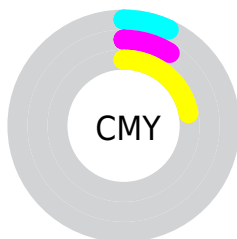


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (7%)



Cyan (7%)


Magenta (9%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3610, 79.0619, 64.8200 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 73.3610, 79.0619, 64.8200 by changing the saturation by 10% instead.


 73.3610, 79.0619,
64.8200

 73.3610, 79.0619,
64.8200


461.3495,
491.7657, 460.4333

 54.5606, 58.9467,
46.8647


122.9899,
132.0460, 113.4018

 39.2825, 42.5702,
32.5751


154.5492,
165.6837, 144.8655

 27.1613, 29.5480,
21.5327


191.0922,
204.5977, 181.6690

 17.8316, 19.4958,
13.3189

232.9841,
249.1723, 224.2309

 10.9281, 12.0291,
7.5152

280.5905,
299.7921, 272.9697

 6.0854, 6.7635,
3.7031

334.2766,

 2.9383, 3.3146,

356.8413, 328.3040

1.4639

394.4078,
420.7044, 390.6524

■ 1.1212, 1.2981,
0.1908

■ 0.0427, 0.1397,
0.0000

■ 73.3610, 79.0619,
64.8200

■ 73.3610, 79.0619,
64.8200

■ 69.9884, 76.3385,
51.2961

■ 77.1774, 81.9927,
80.5863

■ 67.0337, 73.8041,
39.9064

■ 81.4497, 85.1280,
98.6864

■ 64.4777, 71.4536,
30.5412

■ 83.8944, 87.5572,
107.0863

■ 62.2974, 69.2775,
23.0793

■ 84.8171, 89.4025,
107.3938

60.4670, 67.2656,
17.3863

85.7554, 91.2792,
107.7066

58.9578, 65.4062,
13.3103

86.7095, 93.1875,
108.0246

57.7359, 63.6855,
10.6738

87.6795, 95.1274,
108.3480

56.7595, 62.0867,
9.2566

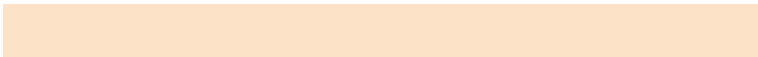
88.4023, 96.5730,
108.5889

56.4187, 61.4857,
8.8943

Harmonies

Analogous

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



77.6845, 79.0619, 65.2727



73.3610, 79.0619, 64.8200



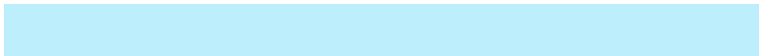
69.6583, 79.0619, 69.6520

Triad

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



73.3610, 79.0619, 64.8200



69.1646, 79.0619, 103.2265



83.3762, 79.0619, 93.4767

Complementary

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



73.3610, 79.0619, 64.8200



59.7847, 60.7725, 87.9367

Split Complementary

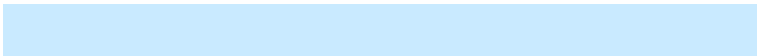
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9145, 79.0619, 104.9184



73.3610, 79.0619, 64.8200



72.6634, 79.0619, 110.9085

Square

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



73.3610, 79.0619, 64.8200



67.2988, 79.0619, 91.3415



76.9596, 79.0619, 111.5559



83.5806, 79.0619, 81.0341

Rectangle

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



73.3610, 79.0619, 64.8200



67.9955, 79.0619, 75.5170



76.9596, 79.0619, 111.5559



82.7810, 79.0619, 97.5955

Sweetspot

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



73.3631, 79.0654, 64.8217



92.5323, 98.1412, 98.2676



65.5744, 62.5370, 65.1573



19.7324, 20.9514, 20.7256



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.



73.3631, 79.0654, 64.8217



86.2094, 93.2667, 72.2020



70.3339, 79.6089, 65.0863



16.1732, 17.2695, 15.9996



31.1674, 34.0290, 4.9256



2.4944, 2.7660, 0.4024

Inverse Universe

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



59.7847, 60.7725, 87.9367



67.4303, 67.9682, 104.1730



62.4675, 60.4325, 87.7297



14.3908, 14.8680, 19.0336



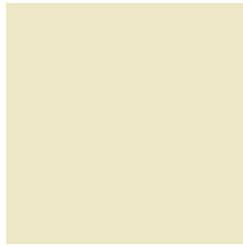
8.6681, 3.9832, 44.0549



0.7317, 0.4149, 3.4764

Previews

White Background



This preview shows how the XYZ color 73.3610, 79.0619, 64.8200 looks on a white background.

Color Contrast Check

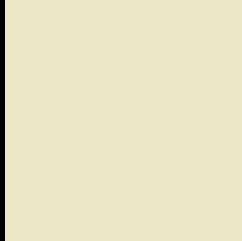
Large Text (above 18pt) WCAG AA × Fail

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 73.3610, 79.0619, 64.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

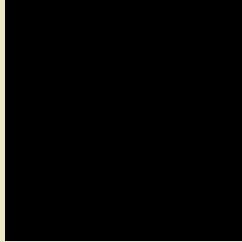
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

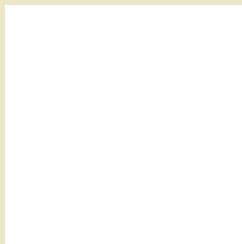
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3610, 79.0619, 64.8200

Background



This preview shows how black text looks on a background with the XYZ color 73.3610, 79.0619, 64.8200.



This preview shows how white text looks on a background with the XYZ color 73.3610, 79.0619,

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

73.3610, 79.0619, 64.8200

Protanopia

74.3730, 78.7706, 64.1077

Deuteranopia

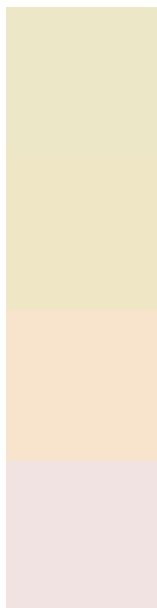
79.2808, 79.1254, 70.7687



Tritanopia

79.5702, 79.1385, 95.0859

Trichromacy



Original Color

73.3610, 79.0619, 64.8200

Protanomaly

73.9715, 78.9756, 64.1684

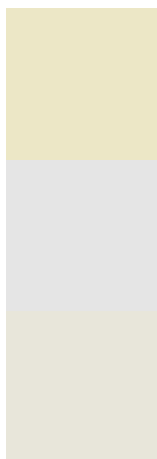
Deuteranomaly

77.0796, 79.2543, 68.3618

Tritanomaly

77.1317, 78.9544, 83.1260

Monochromacy



Original Color

73.3610, 79.0619, 64.8200

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.2304, 78.8114, 77.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3610, 79.0619, 64.8200 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, 231, 198)` looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 198)  
}
```

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, 231, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.3610, 79.0619, 64.8200 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, 231, 198) }
```


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

```
.border{ border-color:rgb(236, 231, 198) }
```

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

Here you see how a box with a 4 pixel rgb(236, 231, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 198);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3610, 79.0619, 64.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 198) }
```

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

```
.background{ background-color: rgb(236,  
231, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor