

Converting Colors

XYZ(75.0856, 79.6917, 76.5058)

Have a look what the booklet for
XYZ(75.0856, 79.6917, 76.5058)
contains.

XYZ(74.9023, 79.6021, 76.3827)	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(74.9023, 79.6021,
76.3827)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE7D8
RGB	234, 231, 216
RGB Percent	92%, 91%, 85%
CMY	0.0823, 0.0941, 0.1529
CMYK	0.00, 0.01, 0.08, 0.08
HSL	50°, 30%, 88%
HSV	50°, 8%, 92%
XYZ	74.9023, 79.6021, 76.3827
YIQ	230.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

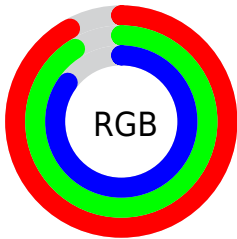
Format	Color
R_{YB}	220, 234, 216
Decimal	15394776
CIE Lab	91.51, -1.55, 7.65
CIE LCh	92, 7.802, 101.465
Yxy	79.6021, 0.3244, 0.3448
Android (android.graphics.Color)	4293584856 (0xFFEAE7D8)
YUV	230.1870, -6.9942, 3.3440
Hunter-Lab	89.2200, -6.2801, 11.6949

Details

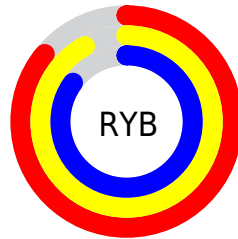
The XYZ color **74.9023, 79.6021, 76.3827** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.5017, 71.2015, 87.9757**, and the grayscale version is **75.4008, 79.3275, 86.3877**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1231, 42.6981, 39.8451** is the 20% darker color. If you saturate the color by 10%, you get **71.0128, 76.3241, 61.2086**, and if you desaturate by 10%, it is **79.2513, 83.1079, 93.8374**.

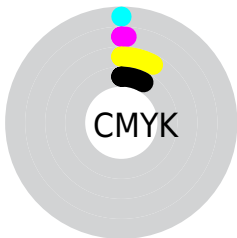
Distribution



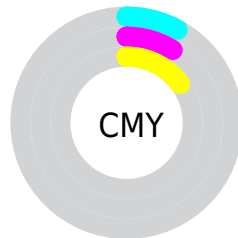
- Red (92%)
- Green (91%)
- Blue (85%)



- Red (86%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9023, 79.6021, 76.3827 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 74.9023, 79.6021, 76.3827 by changing the saturation by 10% instead.

■ 74.9023, 79.6021,
76.3827

■ 74.9023, 79.6021,
76.3827

466.5840,
493.5909, 502.0384

■ 55.8267, 59.3910,
56.2378

125.1627,
132.8062, 130.0328

■ 40.3005, 42.9279,
39.9884

157.0783,
166.5679, 164.3751

■ 27.9582, 29.8286,
27.2158

194.0045,
205.6153, 204.2869

■ 18.4344, 19.7085,
17.5015

236.3069,
250.3327, 250.1869

■ 11.3639, 12.1833,
10.4269

284.3506,
301.1046, 302.4934

■ 6.3812, 6.8687,
5.5736

338.5012,

■ 3.1211, 3.3801,

358.3153, 361.6252

2.5231

399.1239,
422.3493, 428.0007

■ 1.2181, 1.3332,
0.8523

■ 0.1206, 0.1667,
0.0000

■ 74.9023, 79.6021,
76.3827

■ 74.9023, 79.6021,
76.3827

■ 71.0128, 76.3241,
61.2086

■ 79.2513, 83.1079,
93.8374

■ 67.5581, 73.2559,
48.2145

■ 82.7885, 86.3255,
106.9068

■ 64.5206, 70.3930,
37.2998

■ 83.9398, 88.6280,
107.2906

■ 61.8793, 67.7266,
28.3541

■ 85.1157, 90.9799,
107.6825

■ 59.6112, 65.2473,
21.2568

■ 86.3165, 93.3815,
108.0828

■ 57.6906, 62.9445,
15.8738

■ 87.5424, 95.8331,
108.4914

■ 56.0885, 60.8065,
12.0532

■ 87.7421, 96.2326,
108.5580

■ 54.7708, 58.8192,
9.6160

■ 53.6914, 56.9639,
8.3204

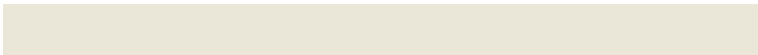
Harmonies

Analogous

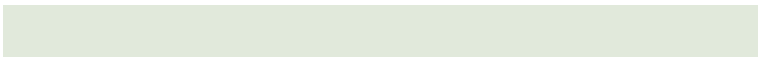
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8808, 79.6021, 76.7043



74.9023, 79.6021, 76.3827



73.1569, 79.6021, 78.7272

Triad

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



74.9023, 79.6021, 76.3827



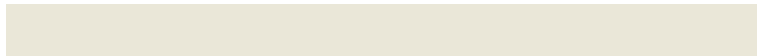
72.8315, 79.6021, 94.1246



79.3411, 79.6021, 90.1993

Complementary

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



74.9023, 79.6021, 76.3827



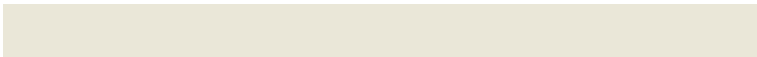
68.5017, 71.2015, 87.9757

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.



78.2184, 79.6021, 95.1366



74.9023, 79.6021, 76.3827



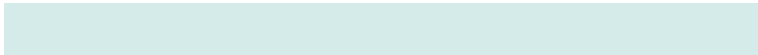
74.4510, 79.6021, 97.4704

Square

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



74.9023, 79.6021, 76.3827



71.9754, 79.6021, 88.8670



76.4216, 79.6021, 97.8487



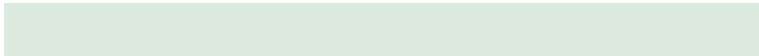
79.4671, 79.6021, 84.5157

Rectangle

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



74.9023, 79.6021, 76.3827



72.3513, 79.6021, 81.5491



76.4216, 79.6021, 97.8487



79.0668, 79.6021, 92.0075

Sweetspot

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



74.9045, 79.6056, 76.3844



93.9695, 99.1355, 104.5426



71.2748, 71.7198, 77.1057



20.1247, 21.2282, 22.4221



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.



74.9045, 79.6056, 76.3844



90.3662, 96.1962, 90.1861



73.8135, 80.2986, 76.5757



16.1262, 17.1753, 15.9840



30.1211, 31.9365, 4.5768



2.4219, 2.6211, 0.3783

Inverse Universe

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



68.5017, 71.2015, 87.9757



81.3029, 84.3000, 106.5942



69.5325, 70.5830, 87.8020



14.4337, 14.9539, 19.0479



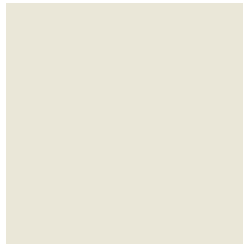
8.8133, 4.2735, 44.1033



0.7521, 0.4556, 3.4832

Previews

White Background



This preview shows how the XYZ color 74.9023, 79.6021, 76.3827 looks on a white background.

Color Contrast Check

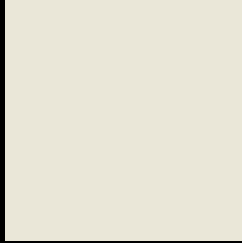
Large Text (above 18pt) WCAG AA × Fail

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 74.9023, 79.6021, 76.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

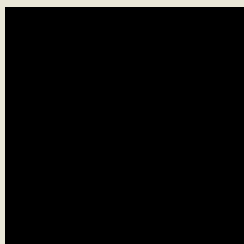
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

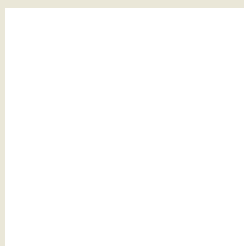
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9023, 79.6021, 76.3827

Background



This preview shows how black text looks on a background with the XYZ color 74.9023, 79.6021, 76.3827.

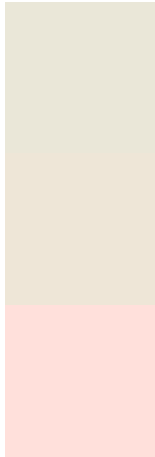


This preview shows how white text looks on a background with the XYZ color 74.9023, 79.6021,

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

74.9023, 79.6021, 76.3827

Protanopia

75.8225, 79.6771, 75.6729

Deuteranopia

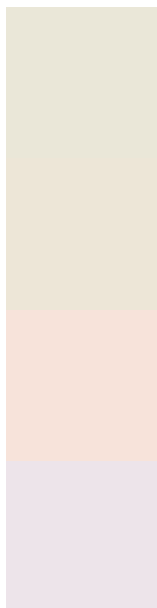
80.6818, 79.6858, 78.1463



Tritanopia

79.2104, 79.7079, 97.5965

Trichromacy



Original Color

74.9023, 79.6021, 76.3827

Protanomaly

75.4876, 79.5045, 75.6572

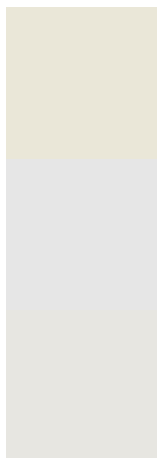
Deuteranomaly

78.4817, 79.7743, 77.5912

Tritanomaly

77.5197, 79.4318, 89.0881

Monochromacy



Original Color

74.9023, 79.6021, 76.3827

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.8424, 79.0188, 82.5417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9023, 79.6021, 76.3827 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(234, 231, 216) looks like.

```
.text, #text, p{  
    color:rgb(234, 231, 216)  
}
```

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(234, 231, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 231, 216) }
```

Border

The CSS property to change the border of an element to XYZ 74.9023, 79.6021, 76.3827 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(234, 231, 216) }
```


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

```
.border{ border-color:rgb(234, 231, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 231, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 231, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 231, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 231,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9023, 79.6021, 76.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 231, 216) }
```

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

```
.background{ background-color: rgb(234,  
231, 216) }
```

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