

Converting Colors

XYZ(73.8031, 74.6333, 83.5976)

Have a look what the booklet for
XYZ(73.8031, 74.6333, 83.5976)
contains.

XYZ(74.1210, 74.9765, 83.9641)	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(74.1210, 74.9765,
83.9641)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDDE4
RGB	235, 221, 228
RGB Percent	92%, 87%, 89%
CMY	0.0784, 0.1333, 0.1059
CMYK	0.00, 0.06, 0.03, 0.08
HSL	330°, 26%, 89%
HSV	330°, 6%, 92%
XYZ	74.1210, 74.9765, 83.9641
YIQ	225.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

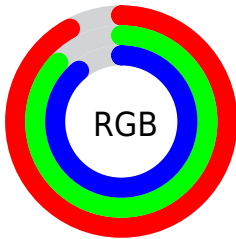
Format	Color
R _Y B	235, 221, 228
Decimal	15457764
CIE Lab	89.38, 5.99, -1.71
CIE LCh	89, 6.232, 344.070
Yxy	74.9765, 0.3180, 0.3217
Android (android.graphics.Color)	4293647844 (0xFFEBDDE4)
YUV	225.9840, 0.9939, 7.9070
Hunter-Lab	86.5890, 1.2670, 3.1196

Details

The XYZ color **74.1210, 74.9765, 83.9641** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5336, 80.3922, 85.0444**, and the grayscale version is **72.2690, 76.0326, 82.7995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7694, 39.8733, 45.1354** is the 20% darker color. If you saturate the color by 10%, you get **66.7694, 62.7955, 73.7357**, and if you desaturate by 10%, it is **82.4563, 88.9452, 95.0695**.

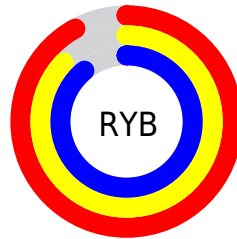
Distribution



Red (92%)

Green (87%)

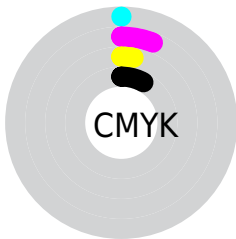
Blue (89%)



Red (92%)

Yellow (87%)

Blue (89%)

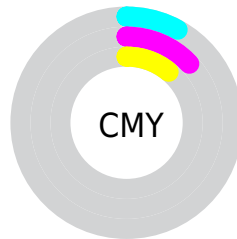


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1210, 74.9765, 83.9641 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 74.1210, 74.9765, 83.9641 by changing the saturation by 10% instead.

74.1210, 74.9765,
83.9641

74.1210, 74.9765,
83.9641

463.9347,
477.8368, 528.2489

55.1847, 55.5936,
62.4406

124.0619,
126.2791, 140.7862

39.7841, 39.8772,
44.9507

155.7972,
158.9676, 176.9219

27.5537, 27.4428,
31.0759

192.5296,
196.8602, 218.7654

18.1282, 17.9061,
20.3977

234.6244,
240.3411, 266.7353

11.1423, 10.8826,
12.4975

282.4469,
289.7948, 321.2500

6.2306, 5.9879,
6.9568

336.3626,

3.0278, 2.8377,

345.6058, 382.7282

3.3571

396.7368,
408.1583, 451.5883

■ 1.1685, 1.0476,
1.2797

■ 0.0813, 0.0000,
0.0451

■ 74.1210, 74.9765,
83.9641

■ 74.1210, 74.9765,
83.9641

■ 66.7694, 62.7955,
73.7357

■ 82.4563, 88.9452,
95.0695

■ 60.3570, 52.3200,
64.3560

■ 87.5143, 96.1795,
105.6394

■ 54.8454, 43.4754,
55.8019

■ 88.0714, 96.4024,
108.5734

■ 50.1907, 36.1781,
48.0474

■ 46.3455, 30.3370,
41.0647

■ 43.2574, 25.8512,
34.8240

■ 40.8673, 22.6068,
29.2929

■ 39.1067, 20.4709,
24.4351

■ 37.8912, 19.2794,
20.2085

Harmonies

Analogous

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



73.3227, 74.9765, 87.8226



74.1210, 74.9765, 83.9641



74.1463, 74.9765, 79.6113

Triad

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



74.1210, 74.9765, 83.9641



70.5521, 74.9765, 73.7560



69.1761, 74.9765, 87.6204

Complementary

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



74.1210, 74.9765, 83.9641



73.5336, 80.3922, 85.0444

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.



68.4553, 74.9765, 83.6961



74.1210, 74.9765, 83.9641



69.2421, 74.9765, 75.7483

Square

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



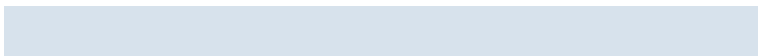
74.1210, 74.9765, 83.9641



72.0710, 74.9765, 73.8219



68.4793, 74.9765, 79.3526



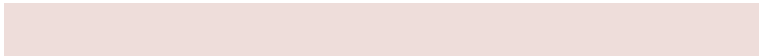
70.4609, 74.9765, 89.9843

Rectangle

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



74.1210, 74.9765, 83.9641



73.7205, 74.9765, 77.0202



68.4793, 74.9765, 79.3526



68.8606, 74.9765, 86.4340

Sweetspot

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



74.1231, 74.9798, 83.9657



93.0365, 96.6259, 106.2163



72.8495, 74.2086, 89.0825



19.9348, 20.7173, 22.7629



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.



74.1231, 74.9798, 83.9657



88.2133, 88.5735, 99.6942



73.1712, 74.5990, 78.9530



15.6887, 15.6936, 17.7092



20.9346, 10.5765, 10.7228



1.6924, 0.8499, 1.0977

Inverse Universe

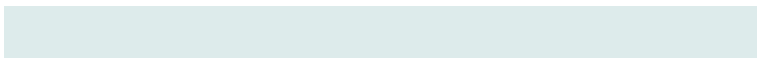
The Inverse Universe completely reimagines the original color for something new.



74.1231, 74.9798, 83.9657



88.2133, 88.5735, 99.6942



74.5248, 80.7887, 90.2643



15.6887, 15.6936, 17.7092



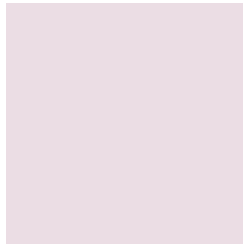
20.9346, 10.5765, 10.7228



1.6924, 0.8499, 1.0977

Previews

White Background



This preview shows how the XYZ color 74.1210, 74.9765, 83.9641 looks on a white background.

Color Contrast Check

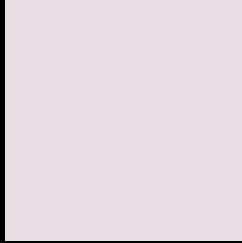
Large Text (above 18pt) WCAG AA × Fail

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 74.1210, 74.9765, 83.9641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

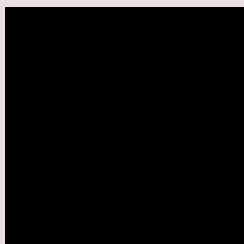
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

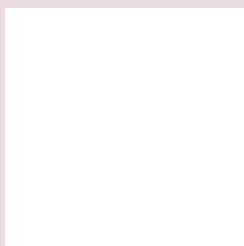
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1210, 74.9765, 83.9641

Background



This preview shows how black text looks on a background with the XYZ color 74.1210, 74.9765, 83.9641.



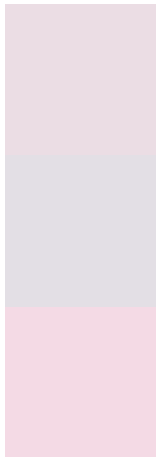
This preview shows how white text looks on a background with the XYZ color 74.1210, 74.9765,

83.9641.

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

74.1210, 74.9765, 83.9641

Protanopia

72.2091, 74.7634, 84.7537

Deuteranopia

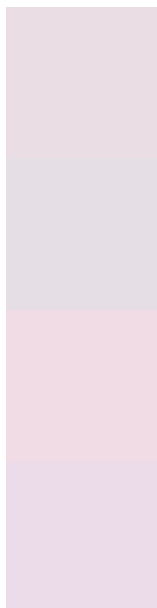
76.5225, 75.0330, 84.5784



Tritanopia

75.4713, 75.1337, 90.6452

Trichromacy



Original Color

74.1210, 74.9765, 83.9641

Protanomaly

72.8973, 74.7227, 84.7096

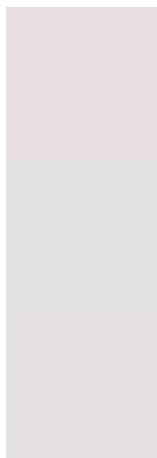
Deuteranomaly

75.7500, 75.0210, 84.6168

Tritanomaly

75.0366, 74.9598, 88.3557

Monochromacy



Original Color

74.1210, 74.9765, 83.9641

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8339, 75.5154, 83.4102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1210, 74.9765, 83.9641 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, 221, 228) looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 228)  
}
```

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, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.1210, 74.9765, 83.9641 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, 221, 228) }
```


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

```
.border{ border-color:rgb(235, 221, 228) }
```

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

Here you see how a box with a 4 pixel rgb(235, 221, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1210, 74.9765, 83.9641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 228) }
```

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

```
.background{ background-color: rgb(235,  
221, 228) }
```

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