

Converting Colors

XYZ(73.9708, 75.7009, 81.3971)

Have a look what the booklet for
XYZ(73.9708, 75.7009, 81.3971)
contains.

XYZ(74.1032, 75.8193, 81.2499)	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(74.1032, 75.8193,
81.2499)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDFE0
RGB	235, 223, 224
RGB Percent	92%, 87%, 88%
CMY	0.0784, 0.1255, 0.1216
CMYK	0.00, 0.05, 0.05, 0.08
HSL	355°, 23%, 90%
HSV	355°, 5%, 92%
XYZ	74.1032, 75.8193, 81.2499
YIQ	226.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

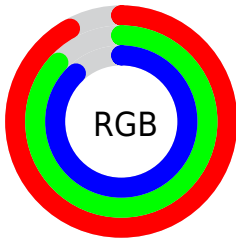
Format	Color
RYB	235, 223, 224
Decimal	15458272
CIELab	89.78, 4.26, 0.97
CIELCh	90, 4.369, 12.770
Yxy	75.8193, 0.3206, 0.3280
Android (android.graphics.Color)	4293648352 (0xFFE8DFE0)
YUV	226.7020, -1.3321, 7.2773
Hunter-Lab	87.0743, -0.4704, 5.6279

Details

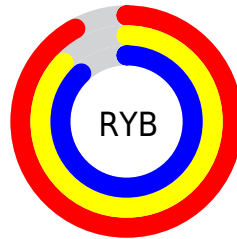
The XYZ color **74.1032, 75.8193, 81.2499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9939, 81.0472, 89.5371**, and the grayscale version is **72.8049, 76.5964, 83.4135**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7545, 40.4535, 43.2491** is the 20% darker color. If you saturate the color by 10%, you get **65.5157, 63.0279, 64.8711**, and if you desaturate by 10%, it is **83.9368, 90.5082, 99.8733**.

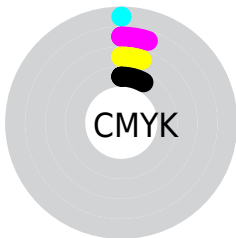
Distribution



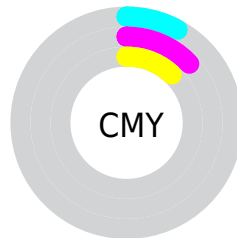
- Red (92%)
- Green (87%)
- Blue (88%)



- Red (92%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1032, 75.8193, 81.2499 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 74.1032, 75.8193, 81.2499 by changing the saturation by 10% instead.

74.1032, 75.8193,
81.2499

74.1032, 75.8193,
81.2499

463.8743,
480.7289, 518.9526

55.1701, 56.2843,
60.2152

124.0368,
127.4714, 136.9488

39.7723, 40.4309,
43.1657

155.7680,
160.3574, 172.4502

27.5445, 27.8747,
29.6828

192.4960,
198.4625, 213.6108

18.1213, 18.2312,
19.3479

234.5860,
242.1712, 260.8493

11.1373, 11.1161,
11.7426

282.4035,
291.8677, 314.5842

6.2272, 6.1450,
6.4483

336.3138,

3.0257, 2.9334,

347.9366, 375.2340

3.0464

396.6823,
410.7622, 443.2173

■ 1.1674, 1.0971,
1.1184

■ 0.0804, 0.0000,
0.0000

■ 74.1032, 75.8193,
81.2499

■ 74.1032, 75.8193,
81.2499

■ 65.5157, 63.0279,
64.8711

■ 83.9368, 90.5082,
99.8733

■ 58.1184, 52.0474,
50.6472

■ 88.0715, 96.4024,
108.5734

■ 51.8607, 42.7987,
38.4902

■ 46.6857, 35.1936,
28.3036

■ 42.5319, 29.1356,
19.9835

■ 39.3314, 24.5186,
13.4166

■ 37.0079, 21.2228,
8.4769

■ 35.4737, 19.1092,
5.0217

■ 34.6221, 18.0076,
2.8834

Harmonies

Analogous

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



74.0607, 75.8193, 84.3241



74.1032, 75.8193, 81.2499



73.5954, 75.8193, 78.5909

Triad

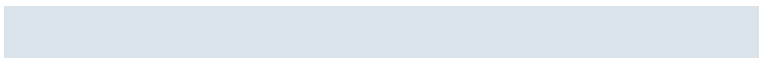
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1032, 75.8193, 81.2499



70.6664, 75.8193, 78.2754



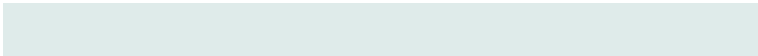
71.4521, 75.8193, 88.3514

Complementary

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



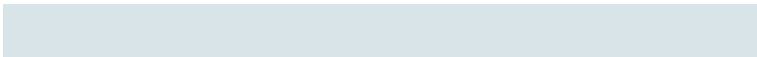
74.1032, 75.8193, 81.2499



74.9939, 81.0472, 89.5371

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.



70.5540, 75.8193, 86.6489



74.1032, 75.8193, 81.2499



70.1035, 75.8193, 80.8095

Square

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



74.1032, 75.8193, 81.2499



71.6071, 75.8193, 76.9025



70.0625, 75.8193, 83.8726



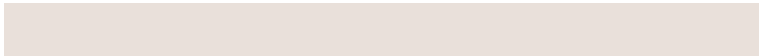
72.5228, 75.8193, 88.4765

Rectangle

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



74.1032, 75.8193, 81.2499



73.0160, 75.8193, 77.3907



70.0625, 75.8193, 83.8726



71.1203, 75.8193, 87.9427

Sweetspot

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



74.1053, 75.8226, 81.2515



92.7006, 96.4915, 104.4475



75.3170, 76.2693, 89.3502



19.8664, 20.6899, 22.4027



0.0000, 0.0000, 0.0000



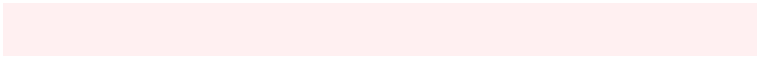
20.3446, 21.4041, 23.3091

Same Dimension

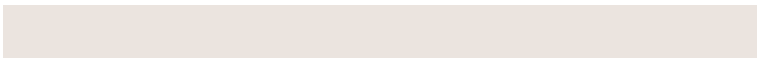
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1053, 75.8226, 81.2515



88.1846, 89.7528, 95.8721



75.3259, 78.4793, 80.9938



15.6566, 15.8798, 16.9264



19.1542, 9.8644, 1.3476



1.5216, 0.7816, 0.1983

Inverse Universe

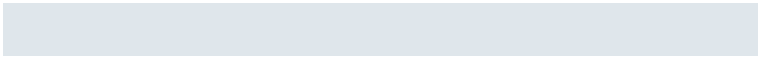
The Inverse Universe completely reimagines the original color for something new.



74.1053, 75.8226, 81.2515



88.1846, 89.7528, 95.8721



73.7264, 78.2825, 89.8226



15.6566, 15.8798, 16.9264



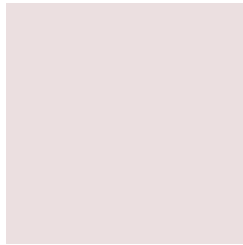
19.1542, 9.8644, 1.3476



1.5216, 0.7816, 0.1983

Previews

White Background



This preview shows how the XYZ color 74.1032, 75.8193, 81.2499 looks on a white background.

Color Contrast Check

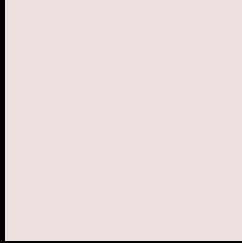
Large Text (above 18pt) WCAG AA × Fail

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 74.1032, 75.8193, 81.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

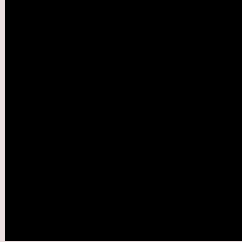
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

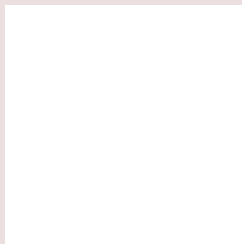
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1032, 75.8193, 81.2499

Background



This preview shows how black text looks on a background with the XYZ color 74.1032, 75.8193, 81.2499.



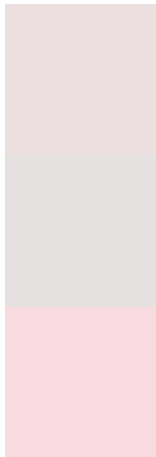
This preview shows how white text looks on a background with the XYZ color 74.1032, 75.8193,

81.2499.

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

74.1032, 75.8193, 81.2499

Protanopia

73.1489, 76.1097, 82.0694

Deuteranopia

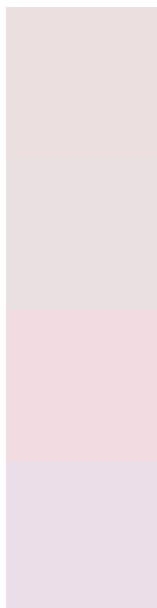
77.3734, 75.5355, 81.7360



Tritanopia

76.2141, 75.8905, 91.5203

Trichromacy



Original Color

74.1032, 75.8193, 81.2499

Protanomaly

73.5250, 75.9034, 82.0098

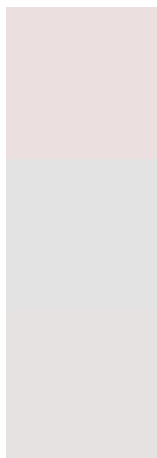
Deuteranomaly

76.1460, 75.6773, 81.8280

Tritanomaly

75.4213, 75.9586, 87.7771

Monochromacy



Original Color

74.1032, 75.8193, 81.2499

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.5570, 76.7067, 82.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1032, 75.8193, 81.2499 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, 223, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 223, 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(235, 223, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 223, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.1032, 75.8193, 81.2499 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, 223, 224) }
```


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

```
.border{ border-color:rgb(235, 223, 224) }
```

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

Here you see how a box with a 4 pixel rgb(235, 223, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 223, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 223, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 223,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1032, 75.8193, 81.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 223, 224) }
```

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

```
.background{ background-color: rgb(235,  
223, 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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