

Converting Colors

XYZ(74.0918, 75.2982, 80.9482)

Have a look what the booklet for
XYZ(74.0918, 75.2982, 80.9482)
contains.

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Color

**XYZ(74.1679, 75.4572,
81.1766)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDEE0
RGB	236, 222, 224
RGB Percent	93%, 87%, 88%
CMY	0.0745, 0.1294, 0.1216
CMYK	0.00, 0.06, 0.05, 0.07
HSL	351°, 27%, 90%
HSV	351°, 6%, 93%
XYZ	74.1679, 75.4572, 81.1766
YIQ	226.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

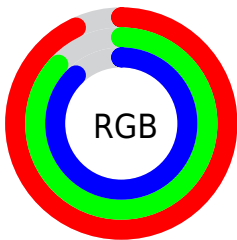
Format	Color
R _Y B	236, 222, 224
Decimal	15523552
CIE Lab	89.61, 5.12, 0.73
CIE LCh	90, 5.173, 8.106
Yxy	75.4572, 0.3213, 0.3269
Android (android.graphics.Color)	4293713632 (0xFFECDEE0)
YUV	226.4140, -1.1901, 8.4069
Hunter-Lab	86.8661, 0.3909, 5.3996

Details

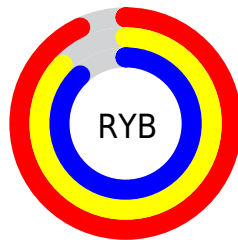
The XYZ color **74.1679, 75.4572, 81.1766** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9738, 81.4630, 89.6184**, and the grayscale version is **72.5946, 76.3752, 83.1725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8025, 40.2053, 43.1987** is the 20% darker color. If you saturate the color by 10%, you get **65.7506, 62.7553, 65.6279**, and if you desaturate by 10%, it is **83.7935, 90.0510, 98.7411**.

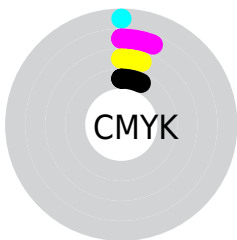
Distribution



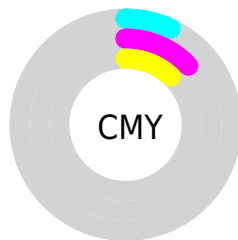
- Red (93%)
- Green (87%)
- Blue (88%)



- Red (93%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1679, 75.4572, 81.1766 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 74.1679, 75.4572, 81.1766 by changing the saturation by 10% instead.


 74.1679, 75.4572,
81.1766

 74.1679, 75.4572,
81.1766


464.0940,
479.4876, 518.7002

 55.2232, 55.9875,
60.1552

124.1280,
126.9593, 136.8450

 39.8150, 40.1929,
43.1176


155.8742,
159.7606, 172.3291

 27.5779, 27.6890,
29.6453


192.6182,
197.7745, 213.4712

 18.1466, 18.0914,
19.3198

234.7255,
241.3854, 260.6898

 11.1556, 11.0156,
11.7224

282.5613,
290.9778, 314.4035

 6.2396, 6.0773,
6.4347

336.4911,

 3.0334, 2.8922,

346.9360, 375.0307

3.0381

396.8803,
409.6445, 442.9901

■ 1.1714, 1.0757,
1.1141

■ 0.0836, 0.0000,
0.0000

■ 74.1679, 75.4572,
81.1766

■ 74.1679, 75.4572,
81.1766

■ 65.7506, 62.7553,
65.6279

■ 83.7935, 90.0510,
98.7411

■ 58.4874, 51.8584,
52.0180

■ 88.4025, 96.5731,
108.5889

■ 52.3298, 42.6874,
40.2720

■ 47.2230, 35.1537,
30.3083

■ 43.1078, 29.1605,
22.0394

■ 39.9188, 24.6010,
15.3701

■ 37.5828, 21.3548,
10.1958

■ 36.0150, 19.2814,
6.3990

■ 35.1128, 18.2080,
3.8441

Harmonies

Analogous

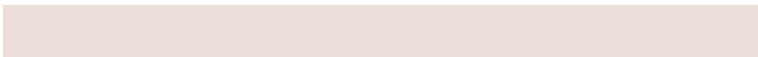
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0126, 75.4572, 84.7991



74.1679, 75.4572, 81.1766



73.6611, 75.4572, 77.9138

Triad

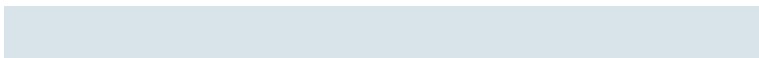
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1679, 75.4572, 81.1766



70.2214, 75.4572, 76.7720



70.8119, 75.4572, 88.8306

Complementary

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



74.1679, 75.4572, 81.1766



74.9738, 81.4630, 89.6184

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.



69.8129, 75.4572, 86.5578



74.1679, 75.4572, 81.1766



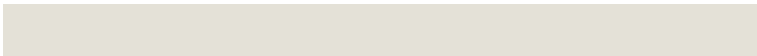
69.4748, 75.4572, 79.5763

Square

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



74.1679, 75.4572, 81.1766



71.3756, 75.4572, 75.4204



69.3262, 75.4572, 83.1514



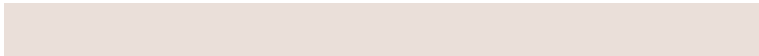
72.0651, 75.4572, 89.2898

Rectangle

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



74.1679, 75.4572, 81.1766



73.0195, 75.4572, 76.3567



69.3262, 75.4572, 83.1514



70.4356, 75.4572, 88.2502

Sweetspot

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



74.1700, 75.4605, 81.1782



92.7484, 96.5106, 104.6991



75.1628, 75.7775, 90.0230



19.8761, 20.6938, 22.4540



0.0000, 0.0000, 0.0000



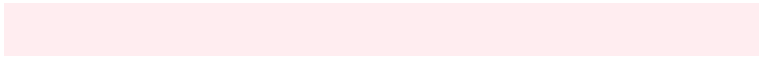
20.3446, 21.4041, 23.3091

Same Dimension

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



74.1700, 75.4605, 81.1782



87.2506, 88.1885, 94.6247



75.2209, 77.9930, 80.2007



15.5042, 15.6197, 16.7376



19.2522, 9.9036, 1.8636



1.5391, 0.7886, 0.2904

Inverse Universe

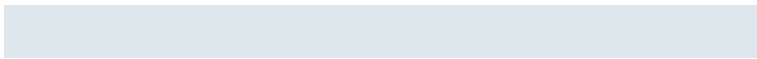
The Inverse Universe completely reimagines the original color for something new.



74.1700, 75.4605, 81.1782



87.2506, 88.1885, 94.6247



73.8711, 78.7961, 90.6737



15.5042, 15.6197, 16.7376



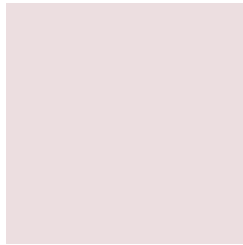
19.2522, 9.9036, 1.8636



1.5391, 0.7886, 0.2904

Previews

White Background



This preview shows how the XYZ color 74.1679, 75.4572, 81.1766 looks on a white background.

Color Contrast Check

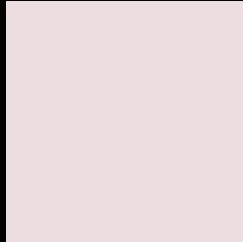
Large Text (above 18pt) WCAG AA × Fail

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 74.1679, 75.4572, 81.1766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

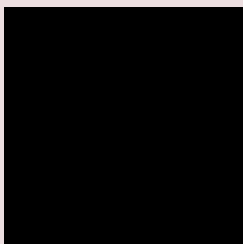
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

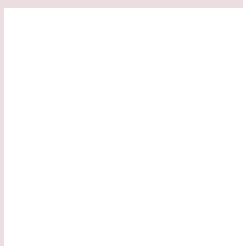
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1679, 75.4572, 81.1766

Background



This preview shows how black text looks on a background with the XYZ color 74.1679, 75.4572, 81.1766.



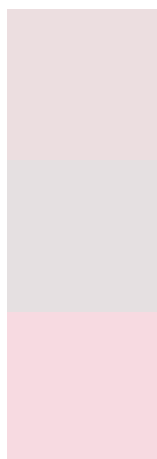
This preview shows how white text looks on a background with the XYZ color 74.1679, 75.4572,

81.1766.

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

74.1679, 75.4572, 81.1766

Protanopia

72.5594, 75.4056, 81.9646

Deuteranopia

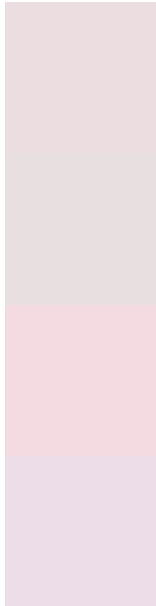
77.0198, 75.3532, 81.7194



Tritanopia

76.1392, 75.4780, 90.6765

Trichromacy



Original Color

74.1679, 75.4572, 81.1766

Protanomaly

73.2570, 75.3674, 81.9205

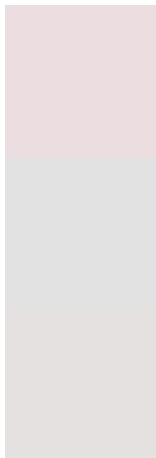
Deuteranomaly

75.8843, 75.1540, 81.7408

Tritanomaly

75.3470, 75.5436, 86.9541

Monochromacy



Original Color

74.1679, 75.4572, 81.1766

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1489, 76.1097, 82.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1679, 75.4572, 81.1766 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, 222, 224) looks like.

```
.text, #text, p{  
    color:rgb(236, 222, 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, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 222, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.1679, 75.4572, 81.1766 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, 222, 224) }
```


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

```
.border{ border-color:rgb(236, 222, 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, 222, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(236, 222,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1679, 75.4572, 81.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 222, 224) }
```

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

```
.background{ background-color: rgb(236,  
222, 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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