

Converting Colors

XYZ(74.7522, 76.2799, 79.1902)

Have a look what the booklet for
XYZ(74.7522, 76.2799, 79.1902)
contains.

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Color

**XYZ(74.6987, 76.1730,
79.1724)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDFDD
RGB	238, 223, 221
RGB Percent	93%, 87%, 87%
CMY	0.0667, 0.1255, 0.1333
CMYK	0.00, 0.06, 0.07, 0.07
HSL	7°, 33%, 90%
HSV	7°, 7%, 93%
XYZ	74.6987, 76.1730, 79.1724
YIQ	227.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

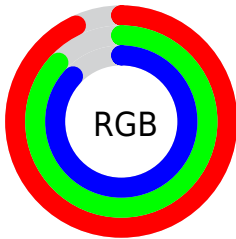
Format	Color
R _Y B	238, 223, 221
Decimal	15654877
CIE Lab	89.94, 4.78, 2.81
CIE LCh	90, 5.546, 30.423
Yxy	76.1730, 0.3247, 0.3311
Android (android.graphics.Color)	4293844957 (0xFFEEDFDD)
YUV	227.2570, -3.0847, 9.4216
Hunter-Lab	87.2771, 0.0394, 7.3098

Details

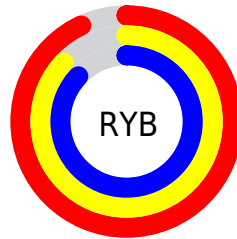
The XYZ color **74.6987, 76.1730, 79.1724** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2466, 81.5345, 92.6615**, and the grayscale version is **73.2194, 77.0325, 83.8884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1770, 40.7035, 41.8154** is the 20% darker color. If you saturate the color by 10%, you get **66.4847, 64.4644, 61.8832**, and if you desaturate by 10%, it is **84.0620, 89.4591, 99.0643**.

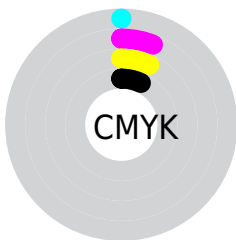
Distribution



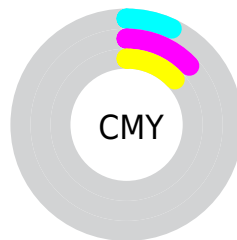
- Red (93%)
- Green (87%)
- Blue (87%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6987, 76.1730, 79.1724 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 74.6987, 76.1730, 79.1724 by changing the saturation by 10% instead.


 74.6987, 76.1730,
79.1724

 74.6987, 76.1730,
79.1724


465.8945,
481.9397, 511.7724

 55.6594, 56.5744,
58.5154


124.8760,
127.9714, 134.0024

 40.1658, 40.6636,
41.8057


156.7446,
160.9400, 169.0125

 27.8526, 28.0563,
28.6248


193.6204,
199.1340, 209.6440

 18.3545, 18.3681,
18.5540

235.8688,
242.9379, 256.3156

 11.3060, 11.2146,
11.1749

283.8550,
292.7360, 309.4456

 6.3419, 6.2114,
6.0690

337.9445,

 3.0967, 2.9740,

348.9128, 369.4528

2.8176

398.5025,
411.8525, 436.7555

■ 1.2051, 1.1182,
1.0023

■ 0.1104, 0.0000,
0.0000

■ 74.6987, 76.1730,
79.1724

■ 74.6987, 76.1730,
79.1724

■ 66.4847, 64.4644,
61.8832

■ 84.0620, 89.4591,
99.0643

■ 59.3695, 54.2650,
47.0842

■ 89.0702, 96.9173,
108.6202

■ 53.3081, 45.5164,
34.6620

■ 48.2503, 38.1524,
24.4925

■ 44.1412, 32.1020,
16.4404

■ 40.9212, 27.2874,
10.3558

■ 38.5233, 23.6229,
6.0689

■ 36.8711, 21.0116,
3.3812

■ 35.8712, 19.3397,
2.0376

Harmonies

Analogous

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



75.0701, 76.1730, 82.8836



74.6987, 76.1730, 79.1724



73.7100, 76.1730, 76.5412

Triad

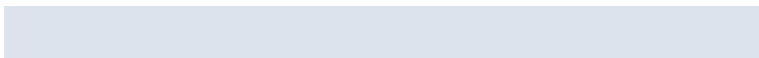
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6987, 76.1730, 79.1724



70.1302, 76.1730, 79.2662



72.4196, 76.1730, 90.7256

Complementary

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



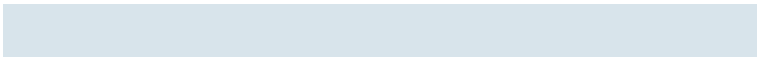
74.6987, 76.1730, 79.1724



75.2466, 81.5345, 92.6615

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.



71.1059, 76.1730, 89.6847



74.6987, 76.1730, 79.1724



69.7943, 76.1730, 82.9953

Square

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



74.6987, 76.1730, 79.1724



71.0726, 76.1730, 76.5941



70.1492, 76.1730, 86.8241



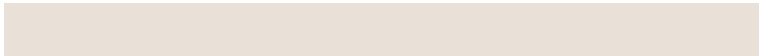
73.7442, 76.1730, 89.6259

Rectangle

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



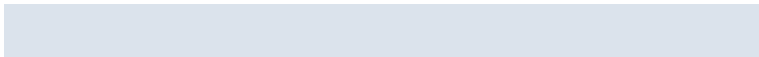
74.6987, 76.1730, 79.1724



72.8399, 76.1730, 75.7109



70.1492, 76.1730, 86.8241



71.9622, 76.1730, 90.6141

Sweetspot

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



74.7008, 76.1763, 79.1740



92.8212, 96.8390, 104.1599



76.2600, 75.9482, 90.0106



19.8909, 20.7607, 22.3441



0.0000, 0.0000, 0.0000



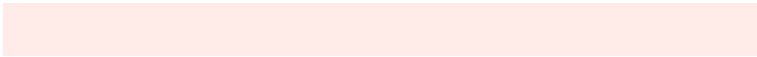
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7008, 76.1763, 79.1740



85.4511, 86.3660, 88.5477



77.0233, 80.8213, 79.9482



15.9229, 16.0589, 16.4102



19.9517, 10.7014, 1.0140



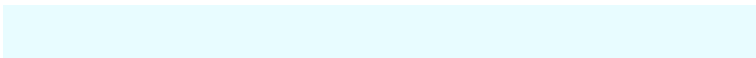
1.7083, 0.9872, 0.1005

Inverse Universe

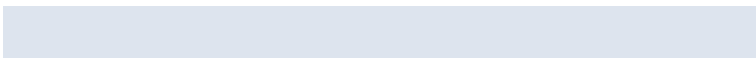
The Inverse Universe completely reimagines the original color for something new.



75.2466, 81.5345, 92.6615



86.2478, 94.1899, 108.2425



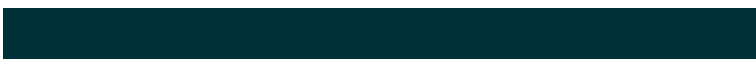
72.8630, 76.7675, 91.8670



16.0790, 17.5921, 20.2698



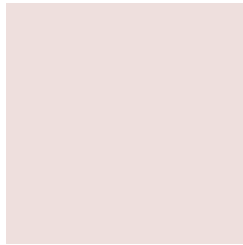
21.5219, 29.2681, 49.6429



1.8350, 2.5240, 4.1447

Previews

White Background



This preview shows how the XYZ color 74.6987, 76.1730, 79.1724 looks on a white background.

Color Contrast Check

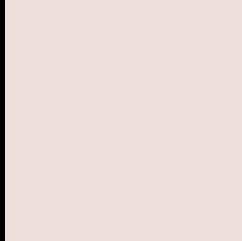
Large Text (above 18pt) WCAG AA × Fail

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 74.6987, 76.1730, 79.1724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

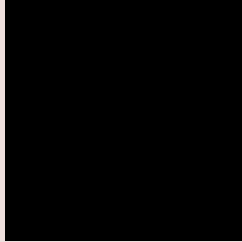
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

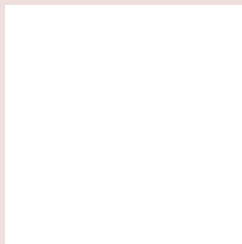
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6987, 76.1730, 79.1724

Background



This preview shows how black text looks on a background with the XYZ color 74.6987, 76.1730, 79.1724.



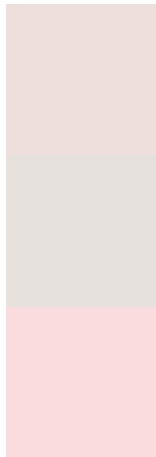
This preview shows how white text looks on a background with the XYZ color 74.6987, 76.1730,

79.1724.

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

74.6987, 76.1730, 79.1724

Protanopia

73.0650, 76.1133, 79.9476

Deuteranopia

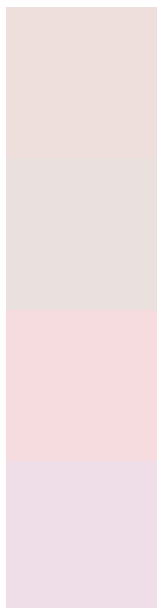
77.9407, 76.2610, 79.7192



Tritanopia

76.9610, 75.8847, 91.4799

Trichromacy



Original Color

74.6987, 76.1730, 79.1724

Protanomaly

73.7722, 76.0777, 79.9035

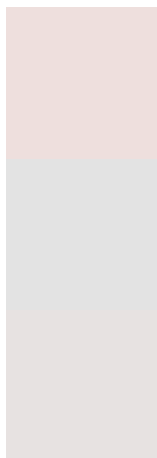
Deuteranomaly

76.7841, 76.0532, 79.7400

Tritanomaly

76.0185, 75.8898, 86.9855

Monochromacy



Original Color

74.6987, 76.1730, 79.1724

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7420, 76.8179, 82.1749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6987, 76.1730, 79.1724 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(238, 223, 221) looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 221)  
}
```

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(238, 223, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 221) }
```

Border

The CSS property to change the border of an element to XYZ 74.6987, 76.1730, 79.1724 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(238, 223, 221) }
```


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

```
.border{ border-color:rgb(238, 223, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6987, 76.1730, 79.1724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 221) }
```

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

```
.background{ background-color: rgb(238,  
223, 221) }
```

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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