

Converting Colors

XYZ(70.7326, 74.6577, 78.0280)

Have a look what the booklet for
XYZ(70.7326, 74.6577, 78.0280)
contains.

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Color

**XYZ(70.4932, 74.4333,
77.6695)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E0DB
RGB	225, 224, 219
RGB Percent	88%, 88%, 86%
CMY	0.1176, 0.1215, 0.1412
CMYK	0.00, 0.00, 0.03, 0.12
HSL	50°, 9%, 87%
HSV	50°, 3%, 88%
XYZ	70.4932, 74.4333, 77.6695
YIQ	223.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

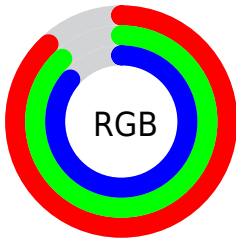
Format	Color
R_{YB}	220, 225, 219
Decimal	14803163
CIE Lab	89.13, -0.54, 2.55
CIE LCh	89, 2.609, 101.983
Yxy	74.4333, 0.3167, 0.3344
Android (android.graphics.Color)	4292993243 (0xFFE1E0DB)
YUV	223.7290, -2.3314, 1.1147
Hunter-Lab	86.2747, -5.1323, 7.0160

Details

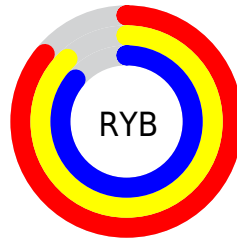
The XYZ color **70.4932, 74.4333, 77.6695** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3973, 71.6819, 81.4663**, and the grayscale version is **70.6749, 74.3555, 80.9731**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4664, 39.6023, 40.7913** is the 20% darker color. If you saturate the color by 10%, you get **66.7368, 71.3441, 62.7777**, and if you desaturate by 10%, it is **74.6763, 77.7332, 94.6807**.

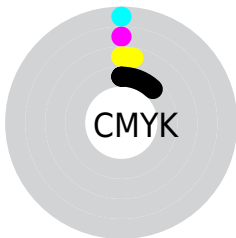
Distribution



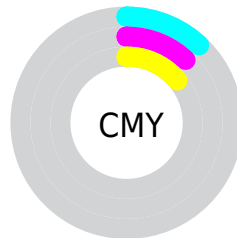
- Red (88%)
- Green (88%)
- Blue (86%)



- Red (86%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4932, 74.4333, 77.6695 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 70.4932, 74.4333, 77.6695 by changing the saturation by 10% instead.

■ 70.4932, 74.4333,
77.6695

■ 70.4932, 74.4333,
77.6695

451.5193,
475.9675, 506.5418

■ 52.2098, 55.1488,
57.2877

118.9343,
125.5098, 131.8657

■ 37.3972, 39.5208,
40.8254

149.8226,
158.0706, 166.5173

■ 25.6903, 27.1651,
27.8640

185.6433,
195.8256, 206.7624

■ 16.7236, 17.6973,
17.9850

226.7617,
239.1592, 253.0198

■ 10.1317, 10.7329,
10.7699

273.5431,
288.4558, 305.7078

■ 5.5493, 5.8875,
5.8001

326.3529,

■ 2.6110, 2.7768,

344.0998, 365.2452

2.6571

385.5565,
406.4756, 432.0503

■ 0.9516, 1.0163,
0.9217

■ 0.0000, 0.0000,
0.0000

■ 70.4932, 74.4333,
77.6695

■ 70.4932, 74.4333,
77.6695

■ 66.7368, 71.3441,
62.7777

■ 74.6763, 77.7332,
94.6807

■ 63.3847, 68.4494,
49.9164

■ 77.8115, 80.6471,
106.0731

■ 60.4219, 65.7452,
38.9975

■ 78.8712, 82.7666,
106.4263

■ 57.8299, 63.2240,
29.9247

■ 79.9534, 84.9310,
106.7871

■ 55.5888, 60.8775,
22.5933

■ 81.0582, 87.1406,
107.1553

■ 53.6765, 58.6967,
16.8882

■ 82.1858, 89.3957,
107.5312

■ 52.0683, 56.6715,
12.6803

■ 83.3362, 91.6965,
107.9147

■ 50.7361, 54.7903,
9.8210

■ 84.5096, 94.0434,
108.3058

■ 49.6454, 53.0393,
8.1311

■ 84.8618, 94.7478,
108.4232

Harmonies

Analogous

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



71.1253, 74.4333, 77.7622



70.4932, 74.4333, 77.6695



69.9323, 74.4333, 78.4713

Triad

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



70.4932, 74.4333, 77.6695



69.8421, 74.4333, 83.4090



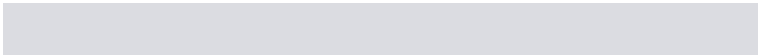
71.9151, 74.4333, 82.1326

Complementary

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



70.4932, 74.4333, 77.6695



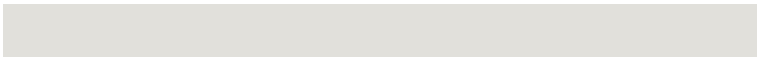
68.3973, 71.6819, 81.4663

Split Complementary

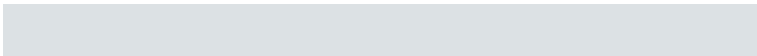
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5672, 74.4333, 83.6748



70.4932, 74.4333, 77.6695



70.3693, 74.4333, 84.4193

Square

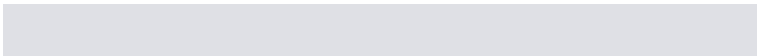
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4932, 74.4333, 77.6695



69.5579, 74.4333, 81.7740



71.0006, 74.4333, 84.5173



71.9488, 74.4333, 80.3207

Rectangle

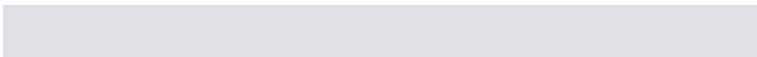
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4932, 74.4333, 77.6695



69.6732, 74.4333, 79.4122



71.0006, 74.4333, 84.5173



71.8310, 74.4333, 82.7004

Sweetspot

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



70.4953, 74.4365, 77.6711



94.5072, 99.5670, 106.7071



69.3022, 71.8391, 77.9249



20.2342, 21.3160, 22.8628



0.0000, 0.0000, 0.0000



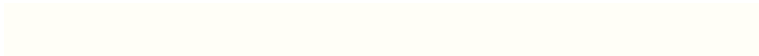
20.3446, 21.4041, 23.3091

Same Dimension

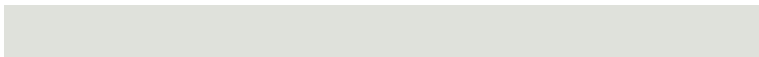
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4953, 74.4365, 77.6711



93.4387, 98.7093, 102.4072



70.1439, 74.6540, 77.7316



15.1332, 16.0029, 16.3984



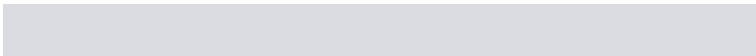
28.2858, 30.0095, 4.3016



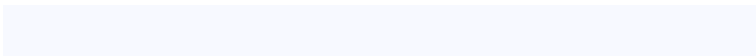
2.0128, 2.1844, 0.3156

Inverse Universe

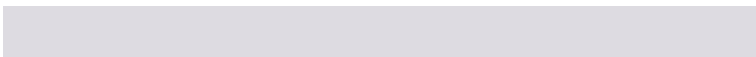
The Inverse Universe completely reimagines the original color for something new.



68.3973, 71.6819, 81.4663



90.2897, 94.5747, 108.1037



68.7420, 71.4726, 81.4078



14.4961, 15.1662, 17.5510



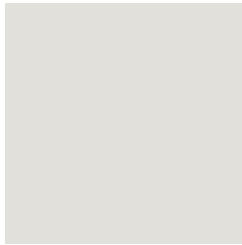
8.2762, 4.0219, 41.3885



0.6302, 0.3918, 2.8876

Previews

White Background



This preview shows how the XYZ color 70.4932, 74.4333, 77.6695 looks on a white background.

Color Contrast Check

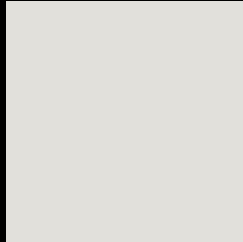
Large Text (above 18pt) WCAG AA × Fail

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 70.4932, 74.4333, 77.6695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

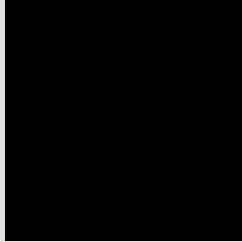
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

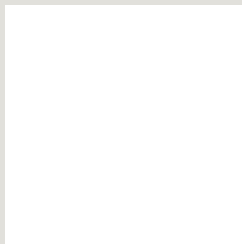
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.4932, 74.4333, 77.6695

Background



This preview shows how black text looks on a background with the XYZ color 70.4932, 74.4333, 77.6695.

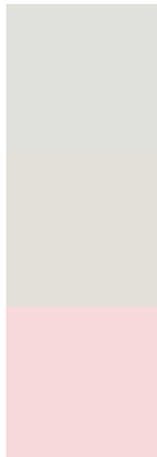


This preview shows how white text looks on a background with the XYZ color 70.4932, 74.4333,

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

70.4932, 74.4333, 77.6695

Protanopia

71.3557, 74.4953, 76.9479

Deuteranopia

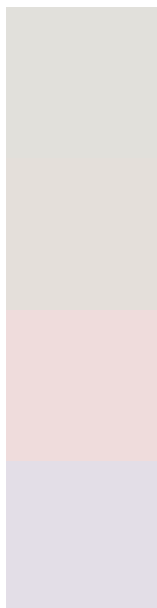
76.0889, 74.5672, 78.0927



Tritanopia

73.2840, 74.3799, 91.3832

Trichromacy



Original Color

70.4932, 74.4333, 77.6695

Protanomaly

71.0375, 74.3313, 76.9330

Deuteranomaly

74.1081, 74.7044, 78.2236

Tritanomaly

72.2236, 74.3430, 86.1443

Monochromacy



Original Color

70.4932, 74.4333, 77.6695

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.5809, 74.4325, 79.7541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4932, 74.4333, 77.6695 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(225, 224, 219) looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 219)  
}
```

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(225, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 219) }
```

Border

The CSS property to change the border of an element to XYZ 70.4932, 74.4333, 77.6695 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(225, 224, 219) }
```


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

```
.border{ border-color:rgb(225, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4932, 74.4333, 77.6695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 219) }
```

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

```
.background{ background-color: rgb(225,  
224, 219) }
```

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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