

Converting Colors

XYZ(71.1707, 75.9938, 74.3863)

Have a look what the booklet for
XYZ(71.1707, 75.9938, 74.3863)
contains.

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Color

**XYZ(71.2852, 76.1241,
74.5546)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E3D6
RGB	227, 227, 214
RGB Percent	89%, 89%, 84%
CMY	0.1098, 0.1098, 0.1608
CMYK	0.00, 0.00, 0.06, 0.11
HSL	60°, 19%, 86%
HSV	60°, 6%, 89%
XYZ	71.2852, 76.1241, 74.5546
YIQ	225.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

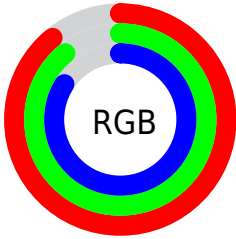
Format	Color
R _Y B	214, 227, 214
Decimal	14934998
CIE Lab	89.92, -2.26, 6.34
CIE LCh	90, 6.727, 109.618
Yxy	76.1241, 0.3212, 0.3430
Android (android.graphics.Color)	4293125078 (0xFFE3E3D6)
YUV	225.5180, -5.6784, 1.2997
Hunter-Lab	87.2491, -6.8460, 10.4109

Details

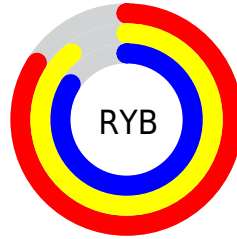
The XYZ color **71.2852, 76.1241, 74.5546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6462, 67.9374, 82.3304**, and the grayscale version is **71.9802, 75.7287, 82.4686**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0238, 40.7789, 38.6679** is the 20% darker color. If you saturate the color by 10%, you get **68.5842, 75.0459, 60.3346**, and if you desaturate by 10%, it is **74.3946, 77.3706, 90.9058**.

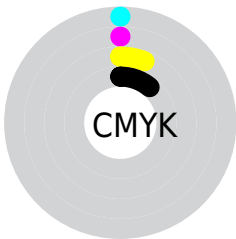
Distribution



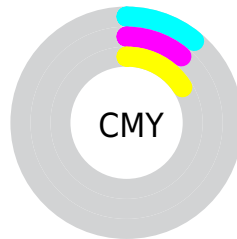
- Red (89%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2852, 76.1241, 74.5546 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 71.2852, 76.1241, 74.5546 by changing the saturation by 10% instead.

■ 71.2852, 76.1241,
74.5546

■ 71.2852, 76.1241,
74.5546

454.2461,
481.7724, 495.5998

■ 52.8583, 56.5343,
54.7485

120.0560,
127.9023, 127.4230

■ 37.9167, 40.6314,
38.8032

151.1307,
160.8595, 161.3224

■ 26.0950, 28.0312,
26.3000

187.1521,
199.0412, 200.7566

■ 17.0278, 18.3492,
16.8204

228.4854,
242.8320, 246.1443

■ 10.3497, 11.2010,
9.9459

275.4962,
292.6160, 297.9039

■ 5.6955, 6.2022,
5.2580

328.5496,

■ 2.6997, 2.9684,

348.7779, 356.4540

2.3380

388.0112,
411.7019, 422.2131

■ 0.9970, 1.1153,
0.7524

■ 0.0000, 0.0000,
0.0000

■ 71.2852, 76.1241,
74.5546

■ 71.2852, 76.1241,
74.5546

■ 68.5842, 75.0459,
60.3346

■ 74.3946, 77.3706,
90.9058

■ 66.2685, 74.1193,
48.1535


■ 77.2045, 78.4948,
105.6896


■ 64.3226, 73.3407,
37.9194


■ 77.2069, 78.4961,
105.6898


■ 62.7272, 72.7022,
29.5313


■ 77.2094, 78.4974,
105.6899


 61.4616, 72.1957,
22.8794


 77.2119, 78.4987,
105.6900


 60.5025, 71.8118,
17.8421


 77.2144, 78.5000,
105.6901


 59.8241, 71.5401,
14.2823

 77.2169, 78.5012,
105.6902

 59.3958, 71.3685,
12.0400

 77.2193, 78.5025,
105.6903

 59.1803, 71.2820,
10.9181

 77.2218, 78.5038,
105.6905

Harmonies

Analogous

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



72.9315, 76.1241, 74.1995



71.2852, 76.1241, 74.5546



69.9448, 76.1241, 77.0927

Triad

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



71.2852, 76.1241, 74.5546



70.3014, 76.1241, 90.0608



75.5452, 76.1241, 84.5477

Complementary

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



71.2852, 76.1241, 74.5546



65.6462, 67.9374, 82.3304

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.



74.8173, 76.1241, 88.9630



71.2852, 76.1241, 74.5546



71.7789, 76.1241, 92.2258

Square

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



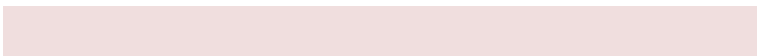
71.2852, 76.1241, 74.5546



69.3828, 76.1241, 85.9996



73.4328, 76.1241, 91.8165



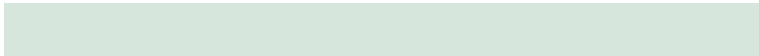
75.4081, 76.1241, 79.8489

Rectangle

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



71.2852, 76.1241, 74.5546



69.3970, 76.1241, 79.7371



73.4328, 76.1241, 91.8165



75.3932, 76.1241, 86.1172

Sweetspot

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



71.2873, 76.1274, 74.5562



94.2390, 99.6755, 104.6327



67.8651, 69.2809, 73.4151



20.1795, 21.3381, 22.4404



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.



71.2873, 76.1274, 74.5562



92.3057, 98.9020, 94.4607



69.2763, 75.0907, 74.4621



15.7184, 16.8639, 15.9453



34.4809, 41.5570, 6.2040



2.5482, 3.0710, 0.4585

Inverse Universe

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



65.6462, 67.9374, 82.3304



83.3549, 85.9067, 106.7961



67.5807, 68.9347, 82.4209



14.0832, 14.4898, 18.1989



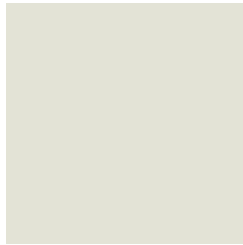
8.0870, 3.2349, 42.5813



0.5978, 0.2391, 3.1466

Previews

White Background



This preview shows how the XYZ color 71.2852, 76.1241, 74.5546 looks on a white background.

Color Contrast Check

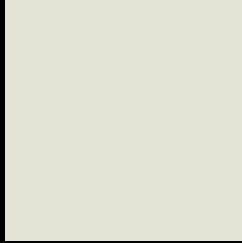
Large Text (above 18pt) WCAG AA × Fail

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 71.2852, 76.1241, 74.5546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

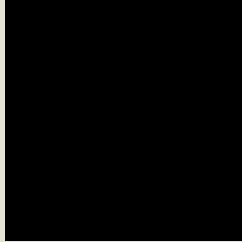
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

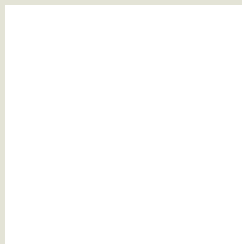
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2852, 76.1241, 74.5546

Background



This preview shows how black text looks on a background with the XYZ color 71.2852, 76.1241, 74.5546.

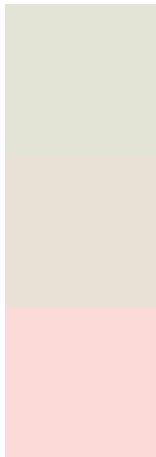


This preview shows how white text looks on a background with the XYZ color 71.2852, 76.1241,

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

71.2852, 76.1241, 74.5546

Protanopia

72.5397, 75.9782, 73.7928

Deuteranopia

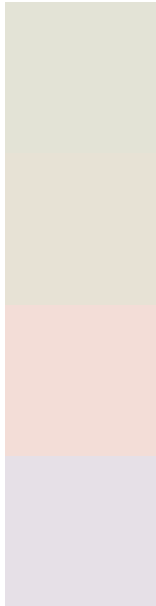
77.6110, 75.7961, 75.5053



Tritanopia

75.2199, 76.1152, 93.9463

Trichromacy



Original Color

71.2852, 76.1241, 74.5546

Protanomaly

72.1616, 76.1857, 73.8528

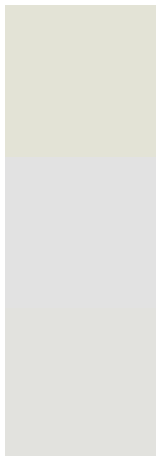
Deuteranomaly

75.0843, 75.6739, 74.9391

Tritanomaly

73.7126, 75.9038, 86.3671

Monochromacy



Original Color

71.2852, 76.1241, 74.5546

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.7452, 75.8354, 79.9636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2852, 76.1241, 74.5546 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(227, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 214)  
}
```

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(227, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 71.2852, 76.1241, 74.5546 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(227, 227, 214) }
```


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

```
.border{ border-color:rgb(227, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2852, 76.1241, 74.5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 214) }
```

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

```
.background{ background-color: rgb(227,  
227, 214) }
```

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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