

Converting Colors

XYZ(72.5168, 75.7064, 81.5995)

Have a look what the booklet for
XYZ(72.5168, 75.7064, 81.5995)
contains.

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Color

**XYZ(72.3747, 75.7262,
81.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E1E0
RGB	228, 225, 224
RGB Percent	89%, 88%, 88%
CMY	0.1059, 0.1176, 0.1216
CMYK	0.00, 0.01, 0.02, 0.11
HSL	15°, 7%, 89%
HSV	15°, 2%, 89%
XYZ	72.3747, 75.7262, 81.3231
YIQ	225.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

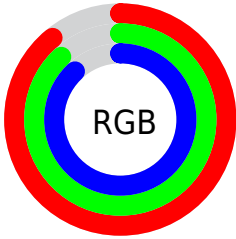
Format	Color
R _Y B	228, 225, 224
Decimal	15000032
CIE Lab	89.73, 0.84, 0.84
CIE LCh	90, 1.186, 44.845
Yxy	75.7262, 0.3155, 0.3301
Android (android.graphics.Color)	4293190112 (0xFFE4E1E0)
YUV	225.7830, -0.8790, 1.9443
Hunter-Lab	87.0208, -3.8290, 5.5066

Details

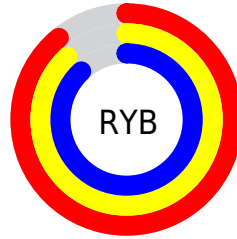
The XYZ color **72.3747, 75.7262, 81.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2133, 76.3861, 84.3379**, and the grayscale version is **72.1389, 75.8957, 82.6505**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7697, 40.4983, 43.3097** is the 20% darker color. If you saturate the color by 10%, you get **65.0997, 65.7967, 64.6516**, and if you desaturate by 10%, it is **80.5305, 86.7518, 100.3358**.

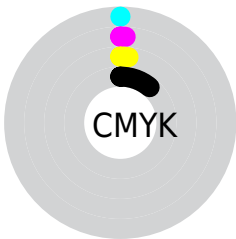
Distribution



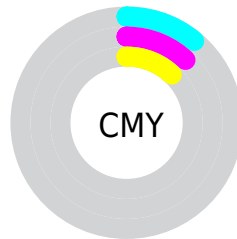
- Red (89%)
- Green (88%)
- Blue (88%)



- Red (89%)
- Yellow (88%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3747, 75.7262, 81.3231 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 72.3747, 75.7262, 81.3231 by changing the saturation by 10% instead.

■ 72.3747, 75.7262,
81.3231

■ 72.3747, 75.7262,
81.3231

457.9822,
480.4099, 519.2045

■ 53.7514, 56.2080,
60.2752

121.5970,
127.3398, 137.0525

■ 38.6328, 40.3697,
43.2137

152.9267,
160.2040, 172.5711

■ 26.6536, 27.8269,
29.7202

189.2226,
198.2857, 213.7503

■ 17.4485, 18.1952,
19.3761

230.8501,
241.9692, 261.0086

■ 10.6521, 11.0903,
11.7628

278.1744,
291.6390, 314.7647

■ 5.8989, 6.1276,
6.4618

331.5609,

■ 2.8238, 2.9228,

347.6795, 375.4370

3.0546

391.3751,
410.4750, 443.4441

■ 1.0613, 1.0916,
1.1226

■ 0.0000, 0.0000,
0.0000

■ 72.3747, 75.7262,
81.3231

■ 72.3747, 75.7262,
81.3231

■ 65.0997, 65.7967,
64.6516

■ 80.5305, 86.7518,
100.3358

■ 58.6693, 56.9200,
50.2255

■ 85.8054, 95.2342,
108.4674

■ 53.0539, 49.0639,
37.9497

■ 48.2199, 42.1914,
27.7206

■ 44.1313, 36.2628,
19.4255

■ 40.7490, 31.2358,
12.9413

■ 38.0302, 27.0648,
8.1301

■ 35.9268, 23.6997,
4.8341

■ 34.3834, 21.0848,
2.8648

Harmonies

Analogous

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



72.5201, 75.7262, 82.0413



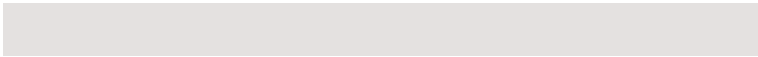
72.3747, 75.7262, 81.3231



72.1225, 75.7262, 80.9091

Triad

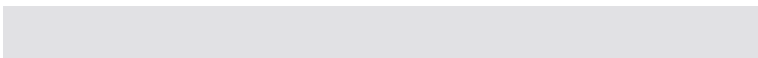
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3747, 75.7262, 81.3231



71.4344, 75.7262, 82.0329



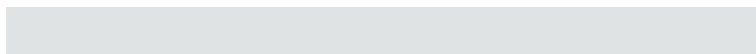
72.1196, 75.7262, 84.0186

Complementary

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



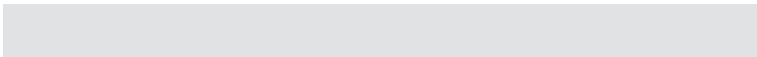
72.3747, 75.7262, 81.3231



72.2133, 76.3861, 84.3379

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.



71.8286, 75.7262, 84.0163



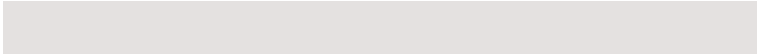
72.3747, 75.7262, 81.3231



71.4336, 75.7262, 82.8660

Square

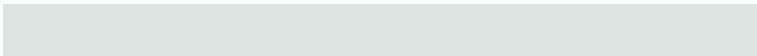
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3747, 75.7262, 81.3231



71.5799, 75.7262, 81.3170



71.5777, 75.7262, 83.5932



72.3725, 75.7262, 83.5995

Rectangle

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



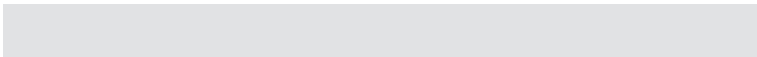
72.3747, 75.7262, 81.3231



71.9280, 75.7262, 80.8595



71.5777, 75.7262, 83.5932



72.0230, 75.7262, 84.0672

Sweetspot

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



72.3768, 75.7295, 81.3247



94.0358, 98.6242, 106.5499



72.5169, 75.3526, 83.3966



20.1382, 21.1241, 22.8308



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.



72.3768, 75.7295, 81.3247



93.0330, 97.2626, 104.2305



72.9197, 76.8152, 81.5057



15.8960, 16.6251, 17.8335



19.4055, 11.3852, 1.1748



1.5066, 0.9865, 0.1110

Inverse Universe

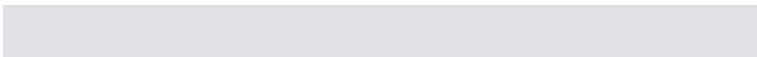
The Inverse Universe completely reimagines the original color for something new.



72.2133, 76.3861, 84.3379



92.7916, 98.2317, 108.6777



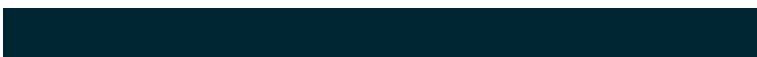
71.6704, 75.3004, 84.1569



15.8573, 16.7807, 18.5476



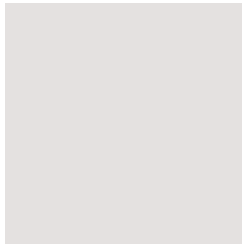
16.5710, 20.2041, 45.4096



1.2971, 1.6382, 3.3798

Previews

White Background



This preview shows how the XYZ color 72.3747, 75.7262, 81.3231 looks on a white background.

Color Contrast Check

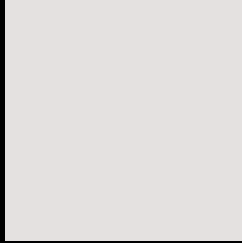
Large Text (above 18pt) WCAG AA × Fail

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 72.3747, 75.7262, 81.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

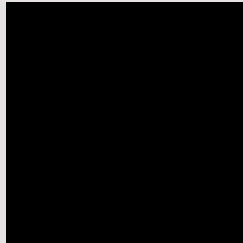
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

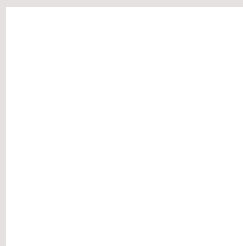
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3747, 75.7262, 81.3231

Background



This preview shows how black text looks on a background with the XYZ color 72.3747, 75.7262, 81.3231.



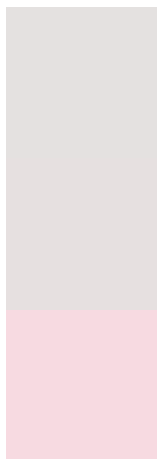
This preview shows how white text looks on a background with the XYZ color 72.3747, 75.7262,

81.3231.

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

72.3747, 75.7262, 81.3231

Protanopia

72.7433, 75.5161, 81.2631

Deuteranopia

77.0198, 75.3532, 81.7194



Tritanopia

74.7490, 75.8896, 93.1465

Trichromacy



Original Color

72.3747, 75.7262, 81.3231

Protanomaly

72.4233, 75.3511, 81.2481

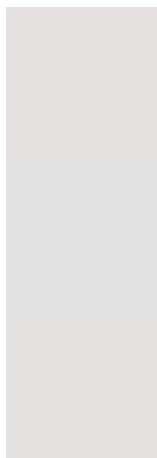
Deuteranomaly

75.3822, 75.6744, 81.8677

Tritanomaly

73.8200, 75.9098, 88.6032

Monochromacy



Original Color

72.3747, 75.7262, 81.3231

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4655, 76.1598, 82.1151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3747, 75.7262, 81.3231 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(228, 225, 224) looks like.

```
.text, #text, p{  
    color:rgb(228, 225, 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(228, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 225, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.3747, 75.7262, 81.3231 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(228, 225, 224) }
```


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

```
.border{ border-color:rgb(228, 225, 224) }
```

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

Here you see how a box with a 4 pixel rgb(228, 225, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 225,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3747, 75.7262, 81.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 225, 224) }
```

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

```
.background{ background-color: rgb(228,  
225, 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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