

Converting Colors

XYZ(72.6340, 75.3598, 81.0633)

Have a look what the booklet for
XYZ(72.6340, 75.3598, 81.0633)
contains.

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Color

**XYZ(72.7433, 75.5161,
81.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E0E0
RGB	230, 224, 224
RGB Percent	90%, 88%, 88%
CMY	0.0980, 0.1215, 0.1216
CMYK	0.00, 0.03, 0.03, 0.10
HSL	0°, 11%, 89%
HSV	0°, 3%, 90%
XYZ	72.7433, 75.5161, 81.2631
YIQ	225.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

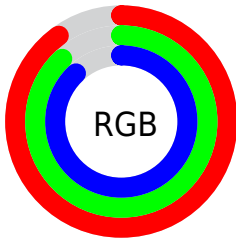
Format	Color
R_{YB}	230, 224, 224
Decimal	15130848
CIE _{Lab}	89.63, 2.04, 0.71
CIE _{LCh}	90, 2.158, 19.279
Yxy	75.5161, 0.3169, 0.3290
Android (android.graphics.Color)	4293320928 (0xFFE6E0E0)
YUV	225.7940, -0.8844, 3.6887
Hunter-Lab	86.9000, -2.6541, 5.3859

Details

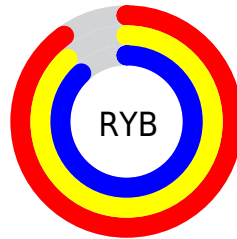
The XYZ color **72.7433, 75.5161, 81.2631** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3202, 78.1530, 86.0845**, and the grayscale version is **72.1461, 75.9033, 82.6587**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0286, 40.3545, 43.2683** is the 20% darker color. If you saturate the color by 10%, you get **64.0677, 62.8231, 64.0086**, and if you desaturate by 10%, it is **82.6802, 90.0546, 101.0216**.

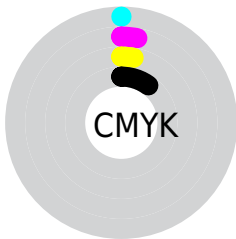
Distribution



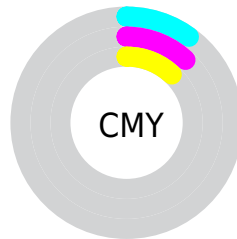
- Red (90%)
- Green (88%)
- Blue (88%)



- Red (90%)
- Yellow (88%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7433, 75.5161, 81.2631 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 72.7433, 75.5161, 81.2631 by changing the saturation by 10% instead.

■ 72.7433, 75.5161,
81.2631

■ 72.7433, 75.5161,
81.2631

459.2422,
479.6896, 518.9980

■ 54.0537, 56.0358,
60.2260

122.1178,
127.0427, 136.9675

■ 38.8755, 40.2316,
43.1744

153.5335,
159.8577, 172.4720

■ 26.8431, 27.7192,
29.6895

189.9219,
197.8865, 213.6360

■ 17.5914, 18.1141,
19.3530

231.6483,
241.5133, 260.8781

■ 10.7550, 11.0319,
11.7462

279.0782,
291.1227, 314.6168

■ 5.9684, 6.0883,
6.4507

332.5770,

■ 2.8663, 2.8989,

347.0989, 375.2706

3.0478

392.5098,
409.8264, 443.2582

■ 1.0835, 1.0792,
1.1191

■ 0.0112, 0.0000,
0.0000

■ 72.7433, 75.5161,
81.2631

■ 72.7433, 75.5161,
81.2631

■ 64.0677, 62.8231,
64.0086

■ 82.6802, 90.0546,
101.0216

■ 56.5969, 51.8923,
49.1534

■ 86.4435, 95.5632,
108.4972

■ 50.2797, 42.6491,
36.5929

■ 45.0585, 35.0092,
26.2128

■ 40.8710, 28.8816,
17.8888

■ 37.6486, 24.1657,
11.4844

■ 35.3143, 20.7492,
6.8464

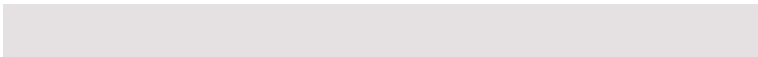
■ 33.7795, 18.5023,
3.7985

■ 32.9373, 17.2689,
2.1276

Harmonies

Analogous

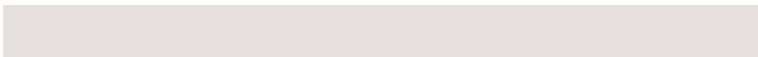
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.7831, 75.5161, 82.7691



72.7433, 75.5161, 81.2631



72.4435, 75.5161, 80.0292

Triad

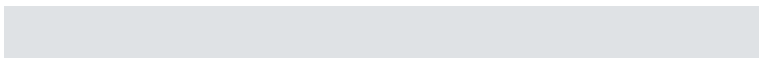
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7433, 75.5161, 81.2631



71.0052, 75.5161, 80.3324



71.5861, 75.5161, 85.1291

Complementary

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



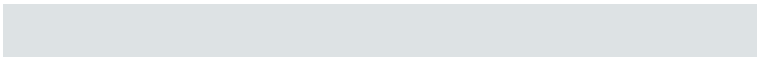
72.7433, 75.5161, 81.2631



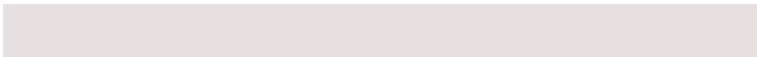
73.3202, 78.1530, 86.0845

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.



71.1121, 75.5161, 84.4590



72.7433, 75.5161, 81.2631



70.7778, 75.5161, 81.6817

Square

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



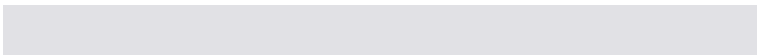
72.7433, 75.5161, 81.2631



71.4394, 75.5161, 79.4964



70.8169, 75.5161, 83.1928



72.1132, 75.5161, 85.0137

Rectangle

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



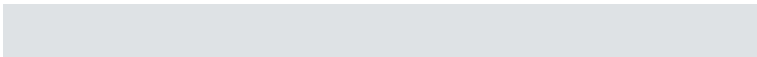
72.7433, 75.5161, 81.2631



72.1374, 75.5161, 79.5210



70.8169, 75.5161, 83.1928



71.4153, 75.5161, 84.9880

Sweetspot

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



72.7454, 75.5194, 81.2647



93.8345, 98.2217, 106.4829



73.5727, 75.8486, 85.6264



20.0973, 21.0422, 22.8172



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.



72.7454, 75.5194, 81.2647



91.4520, 94.7359, 101.7449



73.5578, 77.1441, 81.5355



15.4541, 15.9443, 17.0606



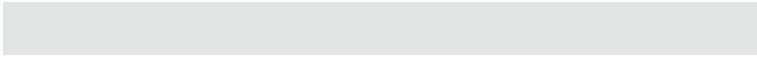
18.4763, 9.5267, 0.8650



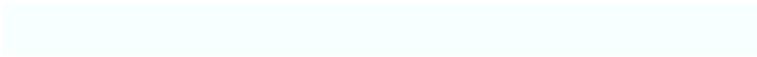
1.3656, 0.7045, 0.0640

Inverse Universe

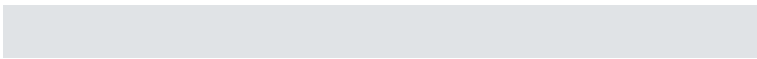
The Inverse Universe completely reimagines the original color for something new.



73.3202, 78.1530, 86.0845



92.2897, 98.5747, 108.7704



72.4936, 76.4998, 85.8090



15.6324, 16.7612, 18.5556



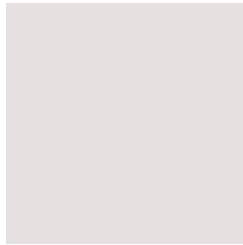
24.0832, 35.2284, 47.9136



1.7799, 2.6038, 3.5407

Previews

White Background



This preview shows how the XYZ color 72.7433, 75.5161, 81.2631 looks on a white background.

Color Contrast Check

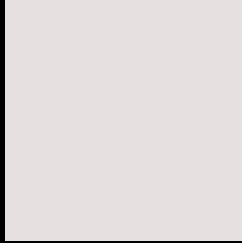
Large Text (above 18pt) WCAG AA × Fail

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 72.7433, 75.5161, 81.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

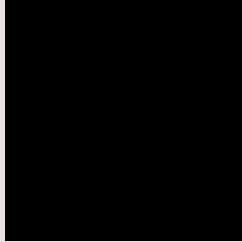
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

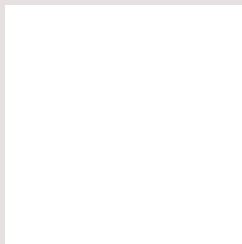
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7433, 75.5161, 81.2631

Background



This preview shows how black text looks on a background with the XYZ color 72.7433, 75.5161, 81.2631.



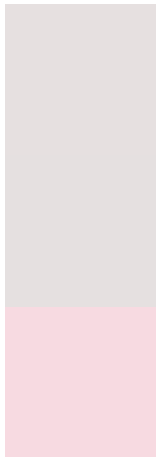
This preview shows how white text looks on a background with the XYZ color 72.7433, 75.5161,

81.2631.

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

72.7433, 75.5161, 81.2631

Protanopia

72.4233, 75.3511, 81.2481

Deuteranopia

77.0198, 75.3532, 81.7194



Tritanopia

74.9800, 75.6304, 92.3076

Trichromacy



Original Color

72.7433, 75.5161, 81.2631

Protanomaly

72.4233, 75.3511, 81.2481

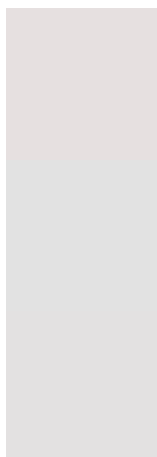
Deuteranomaly

75.4594, 75.3234, 81.7959

Tritanomaly

74.1940, 75.7048, 88.5439

Monochromacy



Original Color

72.7433, 75.5161, 81.2631

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1944, 75.6176, 82.0248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7433, 75.5161, 81.2631 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(230, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 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(230, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.7433, 75.5161, 81.2631 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(230, 224, 224) }
```


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

```
.border{ border-color:rgb(230, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7433, 75.5161, 81.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 224) }
```

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

```
.background{ background-color: rgb(230,  
224, 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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