

Converting Colors

XYZ(70.6360, 72.7463, 74.5436)

Have a look what the booklet for
XYZ(70.6360, 72.7463, 74.5436)
contains.

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Color

**XYZ(70.5523, 72.5583,
74.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DBD7
RGB	231, 219, 215
RGB Percent	91%, 86%, 84%
CMY	0.0941, 0.1412, 0.1569
CMYK	0.00, 0.05, 0.07, 0.09
HSL	15°, 25%, 87%
HSV	15°, 7%, 91%
XYZ	70.5523, 72.5583, 74.5766
YIQ	222.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

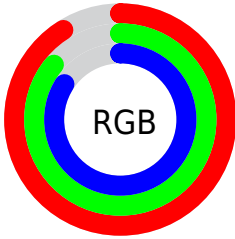
Format	Color
R_{YB}	231, 220, 215
Decimal	15195095
CIE Lab	88.24, 3.42, 3.42
CIE LCh	88, 4.839, 44.997
Yxy	72.5583, 0.3241, 0.3333
Android (android.graphics.Color)	4293385175 (0xFFE7DBD7)
YUV	222.1320, -3.5161, 7.7772
Hunter-Lab	85.1812, -1.2223, 7.7181

Details

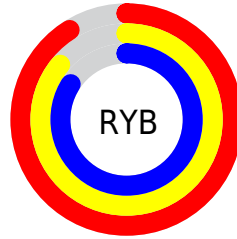
The XYZ color **70.5523, 72.5583, 74.5766** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9171, 75.1535, 86.4233**, and the grayscale version is **69.5460, 73.1678, 79.6798**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2998, 38.2029, 38.6657** is the 20% darker color. If you saturate the color by 10%, you get **63.5059, 62.8846, 58.6027**, and if you desaturate by 10%, it is **78.4920, 83.3462, 92.9177**.

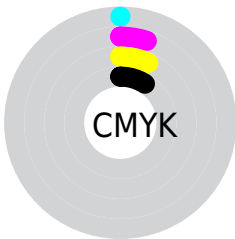
Distribution



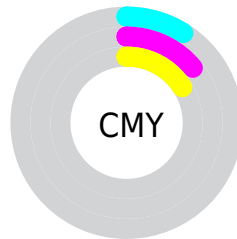
- Red (91%)
- Green (86%)
- Blue (84%)



- Red (91%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5523, 72.5583, 74.5766 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 70.5523, 72.5583, 74.5766 by changing the saturation by 10% instead.

70.5523, 72.5583,
74.5766

70.5523, 72.5583,
74.5766

451.7231,
469.4825, 495.6776

52.2581, 53.6149,
54.7665

119.0180,
122.8500, 127.4544

37.4360, 38.2938,
38.8174

149.9203,
154.9670, 161.3592

25.7205, 26.2108,
26.3110

185.7560,
192.2440, 200.7992

16.7462, 16.9814,
16.8286

226.8904,
235.0653, 246.1931

10.1479, 10.2213,
9.9517

273.6890,
283.8155, 297.9593

5.5601, 5.5459,
5.2618

326.5171,

2.6176, 2.5710,

338.8788, 356.5164

2.3402

385.7400,
400.6397, 422.2830

■ 0.9549, 0.9121,
0.7536

■ 0.0000, 0.0000,
0.0000

■ 70.5523, 72.5583,
74.5766

■ 70.5523, 72.5583,
74.5766

■ 63.5059, 62.8846,
58.6027

■ 78.4920, 83.3462,
92.9177

■ 57.3151, 54.2801,
44.8946

■ 86.3343, 94.8669,
108.3686

■ 51.9480, 46.7103,
33.3504

■ 86.7654, 95.7291,
108.5123

■ 47.3688, 40.1356,
23.8585

■ 43.5385, 34.5135,
16.2974

■ 40.4150, 29.7987,
10.5324

■ 37.9513, 25.9417,
6.4115

■ 36.0942, 22.8877,
3.7572

■ 34.7792, 20.5745,
2.3421

Harmonies

Analogous

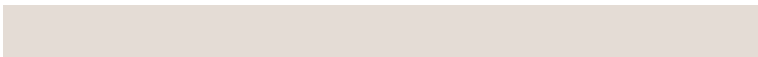
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1394, 72.5583, 77.3637



70.5523, 72.5583, 74.5766



69.5430, 72.5583, 72.9983

Triad

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



70.5523, 72.5583, 74.5766



66.8344, 72.5583, 77.3631



69.5427, 72.5583, 85.3299

Complementary

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



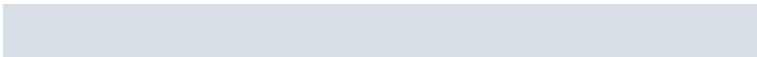
70.5523, 72.5583, 74.5766



69.9171, 75.1535, 86.4233

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.



68.3892, 72.5583, 85.3297



70.5523, 72.5583, 74.5766



66.8343, 72.5583, 80.6666

Square

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



70.5523, 72.5583, 74.5766



67.4008, 72.5583, 74.5761



67.4007, 72.5583, 83.6025



70.5521, 72.5583, 83.6030

Rectangle

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



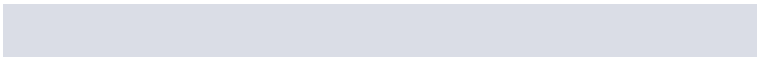
70.5523, 72.5583, 74.5766



68.7706, 72.5583, 72.8150



67.4007, 72.5583, 83.6025



69.1588, 72.5583, 85.5333

Sweetspot

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



70.5543, 72.5615, 74.5782



93.0319, 97.2604, 104.2301



71.1215, 71.1369, 82.6563



19.9338, 20.8465, 22.3584



0.0000, 0.0000, 0.0000



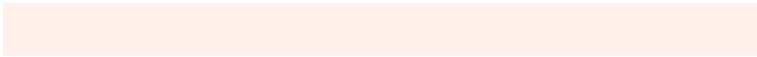
20.3446, 21.4041, 23.3091

Same Dimension

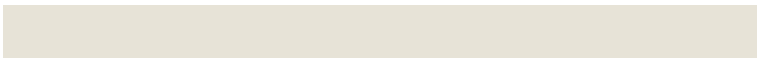
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5543, 72.5615, 74.5782



87.2510, 89.3818, 90.9484



72.6908, 76.8344, 75.2903



14.6686, 14.9511, 15.0172



19.4009, 11.3760, 1.1732



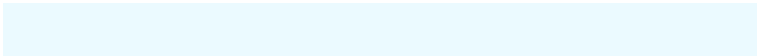
1.5062, 0.9856, 0.1109

Inverse Universe

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



69.9171, 75.1535, 86.4233



86.3319, 93.1200, 108.0315



67.7807, 70.8807, 85.7112



14.4860, 15.6934, 18.4100



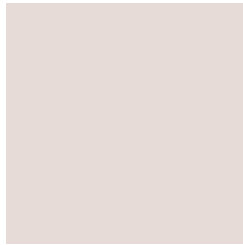
16.5877, 20.2374, 45.4151



1.2983, 1.6404, 3.3802

Previews

White Background



This preview shows how the XYZ color 70.5523, 72.5583, 74.5766 looks on a white background.

Color Contrast Check

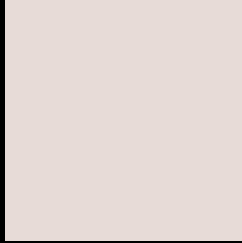
Large Text (above 18pt) WCAG AA × Fail

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 70.5523, 72.5583, 74.5766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

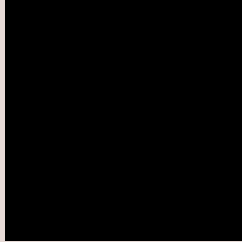
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

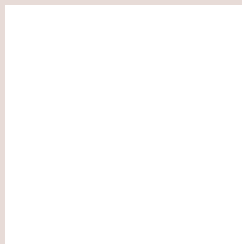
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5523, 72.5583, 74.5766

Background



This preview shows how black text looks on a background with the XYZ color 70.5523, 72.5583, 74.5766.

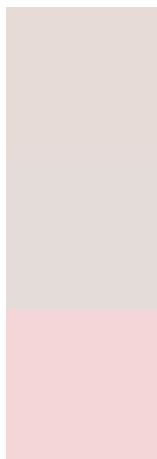


This preview shows how white text looks on a background with the XYZ color 70.5523, 72.5583,

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

70.5523, 72.5583, 74.5766

Protanopia

69.6664, 72.4752, 75.2830

Deuteranopia

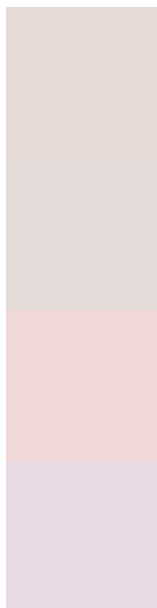
74.0974, 72.4635, 75.0472



Tritanopia

73.1955, 72.4874, 87.2244

Trichromacy



Original Color

70.5523, 72.5583, 74.5766

Protanomaly

69.9828, 72.6382, 75.2978

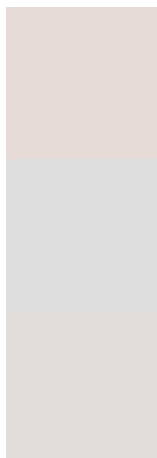
Deuteranomaly

72.8857, 72.5949, 75.1365

Tritanomaly

72.1446, 72.4403, 82.1315

Monochromacy



Original Color

70.5523, 72.5583, 74.5766

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6940, 72.8349, 77.4031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5523, 72.5583, 74.5766 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(231, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 215)  
}
```

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(231, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.5523, 72.5583, 74.5766 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(231, 219, 215) }
```


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

```
.border{ border-color:rgb(231, 219, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5523, 72.5583, 74.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 215) }
```

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

```
.background{ background-color: rgb(231,  
219, 215) }
```

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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