

Converting Colors

XYZ(73.3193, 75.2998, 84.3424)

Have a look what the booklet for
XYZ(73.3193, 75.2998, 84.3424)
contains.

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Color

**XYZ(73.3463, 75.3657,
84.0801)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DFE4
RGB	231, 223, 228
RGB Percent	91%, 87%, 89%
CMY	0.0941, 0.1255, 0.1059
CMYK	0.00, 0.03, 0.01, 0.09
HSL	323°, 14%, 89%
HSV	323°, 3%, 91%
XYZ	73.3463, 75.3657, 84.0801
YIQ	225.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

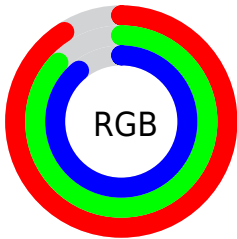
Format	Color
R_{YB}	231, 223, 228
Decimal	15196132
CIE Lab	89.56, 3.60, -1.48
CIE LCh	90, 3.892, 337.634
Yxy	75.3657, 0.3151, 0.3237
Android (android.graphics.Color)	4293386212 (0xFFE7DFE4)
YUV	225.9620, 1.0047, 4.4183
Hunter-Lab	86.8134, -1.1137, 3.3461

Details

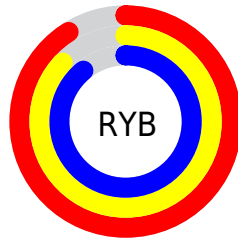
The XYZ color **73.3463, 75.3657, 84.0801** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7377, 78.3328, 83.2415**, and the grayscale version is **72.2545, 76.0174, 82.7829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2247, 40.1364, 45.2149** is the 20% darker color. If you saturate the color by 10%, you get **66.4182, 63.3860, 75.9833**, and if you desaturate by 10%, it is **81.1810, 89.0600, 92.7785**.

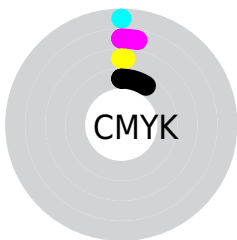
Distribution



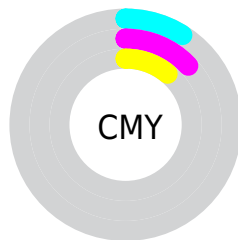
- Red (91%)
- Green (87%)
- Blue (89%)



- Red (91%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3463, 75.3657, 84.0801 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 73.3463, 75.3657, 84.0801 by changing the saturation by 10% instead.

73.3463, 75.3657,
84.0801

73.3463, 75.3657,
84.0801

461.2994,
479.1736, 528.6442

54.5486, 55.9125,
62.5358

122.9692,
126.8299, 140.9499

39.2728, 40.1328,
45.0272

154.5250,
159.6097, 177.1126

27.1537, 27.6421,
31.1357

191.0643,
197.6005, 218.9850

17.8259, 18.0560,
20.4429

232.9524,
241.1868, 266.9859

10.9240, 10.9902,
12.5301

280.5545,
290.7528, 321.5337

6.0827, 6.0603,
6.9789

334.2362,

2.9365, 2.8818,

346.6830, 383.0470

3.3707

394.3627,
409.3618, 451.9443

■ 1.1203, 1.0703,
1.2869

■ 0.0420, 0.0000,
0.0510

■ 73.3463, 75.3657,
84.0801

■ 73.3463, 75.3657,
84.0801

■ 66.4182, 63.3860,
75.9833

■ 81.1810, 89.0600,
92.7785

■ 60.3555, 53.0430,
68.4674

■ 85.2481, 95.1222,
100.5219

■ 55.1233, 44.2674,
61.5172

■ 86.6052, 95.6651,
107.6679

■ 50.6819, 36.9810,
55.1150

■ 86.7655, 95.7292,
108.5123

■ 46.9879, 31.0989,
49.2417

■ 43.9939, 26.5275,
43.8766

■ 41.6466, 23.1617,
38.9973

■ 39.8844, 20.8802,
34.5782

■ 38.6329, 19.5358,
30.5894

Harmonies

Analogous

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



72.7612, 75.3657, 86.3007



73.3463, 75.3657, 84.0801



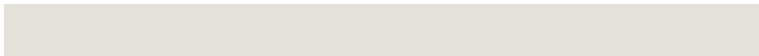
73.4703, 75.3657, 81.3630

Triad

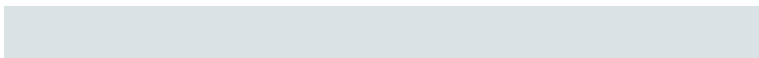
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3463, 75.3657, 84.0801



71.3889, 75.3657, 76.9522



70.1869, 75.3657, 85.3173

Complementary

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



73.3463, 75.3657, 84.0801



72.7377, 78.3328, 83.2415

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.



69.8263, 75.3657, 82.7618



73.3463, 75.3657, 84.0801



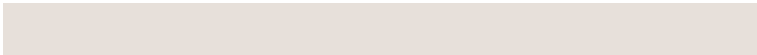
70.5162, 75.3657, 77.9614

Square

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



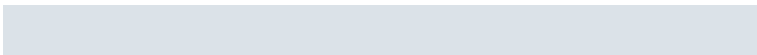
73.3463, 75.3657, 84.0801



72.3346, 75.3657, 77.2875



69.9463, 75.3657, 80.0734



70.9356, 75.3657, 87.0260

Rectangle

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



73.3463, 75.3657, 84.0801



73.2738, 75.3657, 79.6427



69.9463, 75.3657, 80.0734



70.0166, 75.3657, 84.5266

Sweetspot

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



73.3484, 75.3690, 84.0817



94.0882, 98.3223, 107.8214



72.1575, 74.7065, 86.2192



20.1489, 21.0627, 23.0896



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

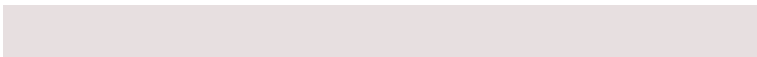
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3484, 75.3690, 84.0817



91.2718, 93.4198, 104.6313



72.8089, 75.1531, 81.2405



15.4654, 15.7511, 17.7294



21.3736, 10.6837, 16.1282



1.6241, 0.8074, 1.4272

Inverse Universe

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



73.3484, 75.3690, 84.0817



91.2718, 93.4198, 104.6313



73.2833, 78.5511, 86.1148



15.4654, 15.7511, 17.7294



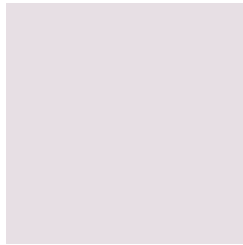
21.3736, 10.6837, 16.1282



1.6241, 0.8074, 1.4272

Previews

White Background



This preview shows how the XYZ color 73.3463, 75.3657, 84.0801 looks on a white background.

Color Contrast Check

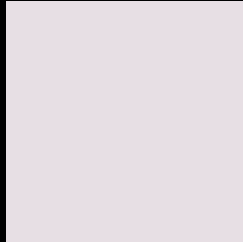
Large Text (above 18pt) WCAG AA × Fail

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 73.3463, 75.3657, 84.0801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

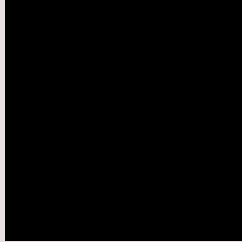
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

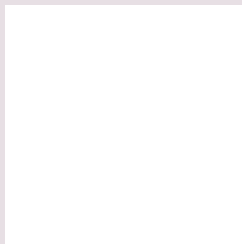
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3463, 75.3657, 84.0801

Background



This preview shows how black text looks on a background with the XYZ color 73.3463, 75.3657, 84.0801.

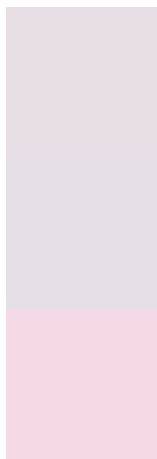


This preview shows how white text looks on a background with the XYZ color 73.3463, 75.3657,

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

73.3463, 75.3657, 84.0801

Protanopia

72.7934, 75.4624, 84.8578

Deuteranopia

76.8704, 75.2124, 84.5947



Tritanopia

75.0407, 75.2685, 92.2346

Trichromacy



Original Color

73.3463, 75.3657, 84.0801

Protanomaly

73.1116, 75.6265, 84.8727

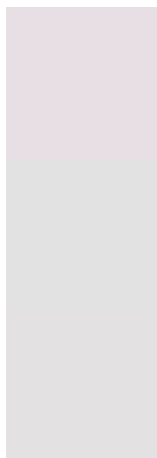
Deuteranomaly

75.6712, 75.3688, 84.6881

Tritanomaly

74.3954, 75.3965, 89.2292

Monochromacy



Original Color

73.3463, 75.3657, 84.0801

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.7853, 75.8905, 83.4852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3463, 75.3657, 84.0801 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, 223, 228) looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 228)  
}
```

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, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 228) }
```

Border

The CSS property to change the border of an element to XYZ 73.3463, 75.3657, 84.0801 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, 223, 228) }
```


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

```
.border{ border-color:rgb(231, 223, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3463, 75.3657, 84.0801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 228) }
```

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

```
.background{ background-color: rgb(231,  
223, 228) }
```

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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