

Converting Colors

XYZ(69.3958, 69.6978, 73.2026)

Have a look what the booklet for
XYZ(69.3958, 69.6978, 73.2026)
contains.

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Color

**XYZ(69.5361, 69.7672,
73.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D5D6
RGB	233, 213, 214
RGB Percent	91%, 84%, 84%
CMY	0.0863, 0.1647, 0.1608
CMYK	0.00, 0.09, 0.08, 0.09
HSL	357°, 31%, 87%
HSV	357°, 9%, 91%
XYZ	69.5361, 69.7672, 73.4198
YIQ	219.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

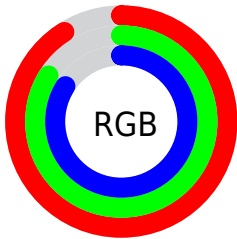
Format	Color
R _Y B	233, 213, 214
Decimal	15324630
CIE Lab	86.88, 7.07, 2.00
CIE LCh	87, 7.353, 15.811
Yxy	69.7672, 0.3269, 0.3280
Android (android.graphics.Color)	4293514710 (0xFFE9D5D6)
YUV	219.0940, -2.5113, 12.1956
Hunter-Lab	83.5268, 2.4296, 6.3530

Details

The XYZ color **69.5361, 69.7672, 73.4198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1476, 78.2518, 87.7020**, and the grayscale version is **67.4101, 70.9206, 77.2326**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6163, 36.3040, 37.8784** is the 20% darker color. If you saturate the color by 10%, you get **61.4535, 57.8229, 57.7109**, and if you desaturate by 10%, it is **78.8490, 83.5553, 91.4364**.

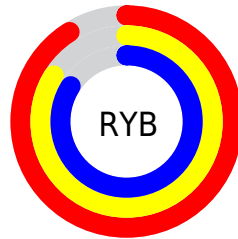
Distribution



Red (91%)

Green (84%)

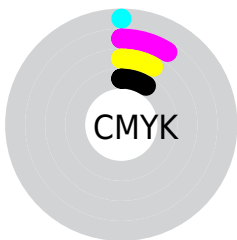
Blue (84%)



Red (91%)

Yellow (84%)

Blue (84%)

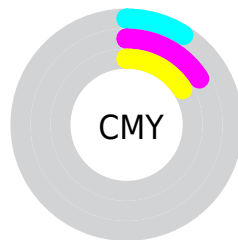


Cyan (0%)

Magenta (9%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5361, 69.7672, 73.4198 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 69.5361, 69.7672, 73.4198 by changing the saturation by 10% instead.

69.5361, 69.7672,
73.4198

69.5361, 69.7672,
73.4198

448.2113,
459.7322, 491.5782

51.4267, 51.3368,
53.8254

117.5768,
118.8767, 125.7994

36.7707, 36.4767,
38.0699

148.2389,
150.3246, 159.4217

25.2029, 24.8026,
25.7347

183.8158,
186.8804, 198.5570

16.3578, 15.9300,
16.4013

224.6730,
228.9285, 243.6240

9.8701, 9.4747,
9.6511

271.1757,
276.8533, 295.0410

5.3745, 5.0521,
5.0657

323.6895,

2.5057, 2.2778,

331.0393, 353.2267

2.2264

382.5796,
391.8708, 418.5996

■ 0.8981, 0.7619,
0.6896

■ 0.0000, 0.0000,
0.0000

■ 69.5361, 69.7672,
73.4198

■ 69.5361, 69.7672,
73.4198

■ 61.4535, 57.8229,
57.7109

■ 78.8490, 83.5553,
91.4364

■ 54.5441, 47.6357,
44.2124

■ 87.4146, 96.0638,
108.5427

■ 48.7552, 39.1253,
32.8263

■ 44.0277, 32.2020,
23.4458

■ 40.2971, 26.7674,
15.9546

■ 37.4920, 22.7124,
10.2247

■ 35.5312, 19.9129,
6.1118

■ 34.3196, 18.2225,
3.4492

■ 33.7249, 17.4293,
2.0291

Harmonies

Analogous

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



69.5610, 69.7672, 78.3037



69.5361, 69.7672, 73.4198



68.6374, 69.7672, 69.3905

Triad

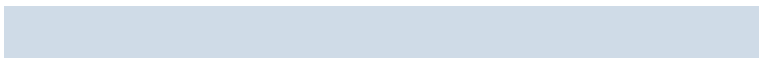
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5361, 69.7672, 73.4198



63.9746, 69.7672, 69.5687



65.5064, 69.7672, 85.4957

Complementary

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



69.5361, 69.7672, 73.4198



71.1476, 78.2518, 87.7020

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.



64.0390, 69.7672, 82.9413



69.5361, 69.7672, 73.4198



63.1650, 69.7672, 73.6726

Square

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



69.5361, 69.7672, 73.4198



65.4170, 69.7672, 67.2334



63.1884, 69.7672, 78.5676



67.2144, 69.7672, 85.4208

Rectangle

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



69.5361, 69.7672, 73.4198



67.6723, 69.7672, 67.6695



63.1884, 69.7672, 78.5676



64.9693, 69.7672, 84.9114

Sweetspot

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



69.5381, 69.7703, 73.4213



91.5095, 94.7564, 102.0550



71.7829, 70.6306, 86.9412



19.3893, 19.9894, 21.4619



0.0000, 0.0000, 0.0000



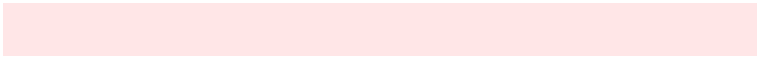
20.3446, 21.4041, 23.3091

Same Dimension

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



69.5381, 69.7703, 73.4213



83.7892, 83.3323, 87.0997



71.7378, 74.3726, 73.5289



15.0959, 15.0662, 15.7902



19.1172, 9.8496, 1.1525



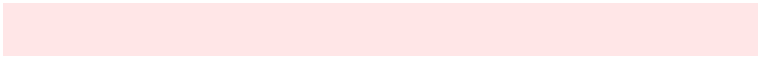
1.5119, 0.7777, 0.1470

Inverse Universe

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



69.5381, 69.7703, 73.4213



83.7892, 83.3323, 87.0997



68.8068, 73.3432, 87.6217



15.0959, 15.0662, 15.7902



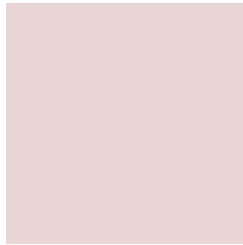
19.1172, 9.8496, 1.1525



1.5119, 0.7777, 0.1470

Previews

White Background



This preview shows how the XYZ color 69.5361, 69.7672, 73.4198 looks on a white background.

Color Contrast Check

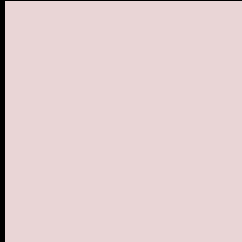
Large Text (above 18pt) WCAG AA × Fail

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 69.5361, 69.7672, 73.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

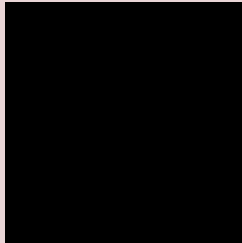
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5361, 69.7672, 73.4198

Background



This preview shows how black text looks on a background with the XYZ color 69.5361, 69.7672, 73.4198.



This preview shows how white text looks on a background with the XYZ color 69.5361, 69.7672,

73.4198.

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

69.5361, 69.7672, 73.4198

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

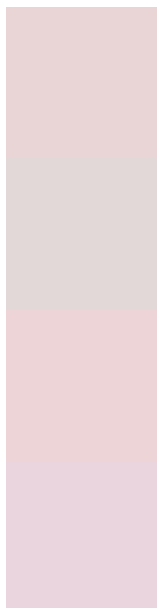
71.3670, 69.9688, 73.3622



Tritanopia

71.4203, 69.7968, 82.3809

Trichromacy



Original Color

69.5361, 69.7672, 73.4198

Protanomaly

68.1856, 70.1868, 74.2436

Deuteranomaly

70.6061, 69.9465, 73.3980

Tritanomaly

70.6600, 69.8533, 78.8661

Monochromacy



Original Color

69.5361, 69.7672, 73.4198

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.0777, 70.4828, 75.6621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5361, 69.7672, 73.4198 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(233, 213, 214)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 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(233, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 69.5361, 69.7672, 73.4198 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(233, 213, 214) }
```


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

```
.border{ border-color:rgb(233, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5361, 69.7672, 73.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 214) }
```

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

```
.background{ background-color: rgb(233,  
213, 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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