

Converting Colors

XYZ(70.2292, 71.6366, 73.7441)

Have a look what the booklet for
XYZ(70.2292, 71.6366, 73.7441)
contains.

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Color

**XYZ(70.2292, 71.6366,
73.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D9D6
RGB	232, 217, 214
RGB Percent	91%, 85%, 84%
CMY	0.0902, 0.1490, 0.1608
CMYK	0.00, 0.06, 0.08, 0.09
HSL	10°, 28%, 87%
HSV	10°, 8%, 91%
XYZ	70.2292, 71.6366, 73.7441
YIQ	221.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

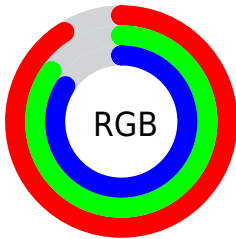
Format	Color
R _Y B	232, 218, 214
Decimal	15260118
CIE Lab	87.79, 4.64, 3.32
CIE LCh	88, 5.703, 35.548
Yxy	71.6366, 0.3257, 0.3323
Android (android.graphics.Color)	4293450198 (0xFFE8D9D6)
YUV	221.1430, -3.5215, 9.5216
Hunter-Lab	84.6384, -0.0058, 7.5884

Details

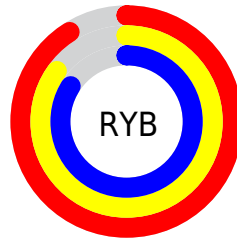
The XYZ color **70.2292, 71.6366, 73.7441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3162, 76.1597, 87.3390**, and the grayscale version is **68.8485, 72.4339, 78.8806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0828, 37.5740, 38.0989** is the 20% darker color. If you saturate the color by 10%, you get **62.7817, 61.1498, 57.6699**, and if you desaturate by 10%, it is **78.6863, 83.4655, 92.2386**.

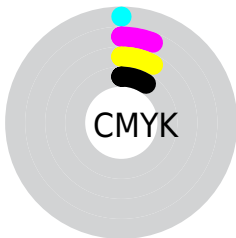
Distribution



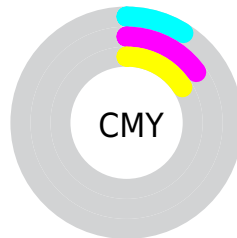
- Red (91%)
- Green (85%)
- Blue (84%)



- Red (91%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2292, 71.6366, 73.7441 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 70.2292, 71.6366, 73.7441 by changing the saturation by 10% instead.

70.2292, 71.6366,
73.7441

70.2292, 71.6366,
73.7441

450.6082,
466.2757, 492.7295

51.9937, 52.8619,
54.0891

118.5600,
121.5397, 126.2637

37.2243, 37.6925,
38.2792

149.3861,
153.4369, 159.9653

25.5557, 25.7441,
25.8960

185.1397,
190.4771, 199.1863

16.6225, 16.6323,
16.5208

226.1861,
233.0445, 244.3451

10.0593, 9.9727,
9.7351

272.8909,
281.5238, 295.8603

5.5009, 5.3809,
5.1204

325.6192,

2.5818, 2.4724,

336.2991, 354.1504

2.2581

384.7366,
397.7550, 419.6339

■ 0.9367, 0.8628,
0.7076

■ 0.0000, 0.0000,
0.0000

■ 70.2292, 71.6366,
73.7441

■ 70.2292, 71.6366,
73.7441

■ 62.7817, 61.1498,
57.6699

■ 78.6863, 83.4655,
92.2386

■ 56.2999, 51.9484,
43.9111

■ 87.0891, 95.8960,
108.5274

■ 50.7457, 43.9855,
32.3621

■ 46.0760, 37.2081,
22.9073

■ 42.2442, 31.5588,
15.4205

■ 39.1996, 26.9759,
9.7617

■ 36.8854, 23.3912,
5.7727

■ 35.2369, 20.7286,
3.2677

■ 34.1734, 18.8990,
1.9961

Harmonies

Analogous

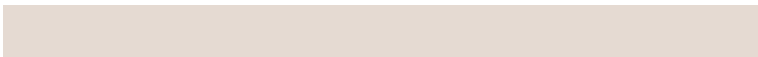
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7133, 71.6366, 77.2813



70.2292, 71.6366, 73.7441



69.1720, 71.6366, 71.4063

Triad

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



70.2292, 71.6366, 73.7441



65.7454, 71.6366, 74.9536



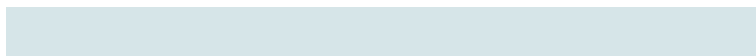
68.3405, 71.6366, 85.6608

Complementary

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



70.2292, 71.6366, 73.7441



70.3162, 76.1597, 87.3390

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.



67.0162, 71.6366, 84.9878



70.2292, 71.6366, 73.7441



65.5294, 71.6366, 78.7233

Square

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



70.2292, 71.6366, 73.7441



66.5857, 71.6366, 72.0882



65.9916, 71.6366, 82.4167



69.6136, 71.6366, 84.2266

Rectangle

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



70.2292, 71.6366, 73.7441



68.2908, 71.6366, 70.7986



65.9916, 71.6366, 82.4167



67.8865, 71.6366, 85.6741

Sweetspot

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



70.2312, 71.6397, 73.7456



92.8991, 96.9949, 104.1859



71.4691, 70.9071, 84.0493



19.9068, 20.7924, 22.3494



0.0000, 0.0000, 0.0000



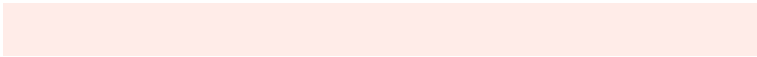
20.3446, 21.4041, 23.3091

Same Dimension

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



70.2312, 71.6397, 73.7456



85.7736, 87.0110, 88.6552



72.6136, 76.4045, 74.5398



14.5704, 14.7546, 14.9844



18.9340, 10.4422, 1.0176



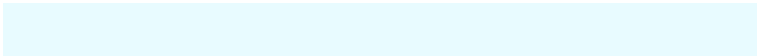
1.4576, 0.8886, 0.0947

Inverse Universe

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



70.3162, 76.1597, 87.3390



85.8952, 93.4846, 108.1249



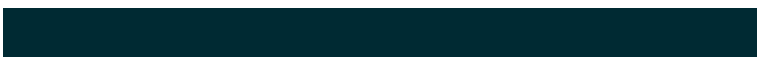
67.8912, 71.3098, 86.5307



14.5920, 15.9053, 18.4453



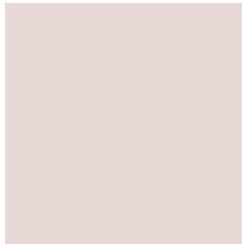
18.7876, 24.6373, 46.1484



1.4429, 1.9298, 3.4284

Previews

White Background



This preview shows how the XYZ color 70.2292, 71.6366, 73.7441 looks on a white background.

Color Contrast Check

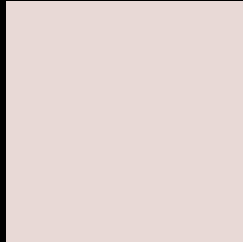
Large Text (above 18pt) WCAG AA × Fail

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 70.2292, 71.6366, 73.7441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

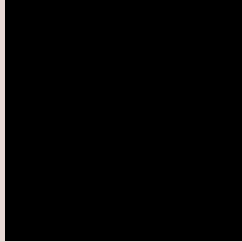
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

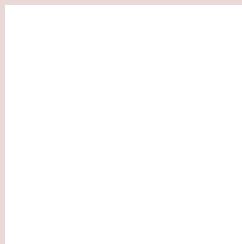
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2292, 71.6366, 73.7441

Background



This preview shows how black text looks on a background with the XYZ color 70.2292, 71.6366, 73.7441.

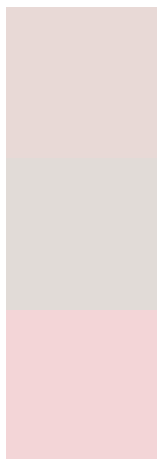


This preview shows how white text looks on a background with the XYZ color 70.2292, 71.6366,

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

70.2292, 71.6366, 73.7441

Protanopia

68.6486, 71.5769, 74.4875

Deuteranopia

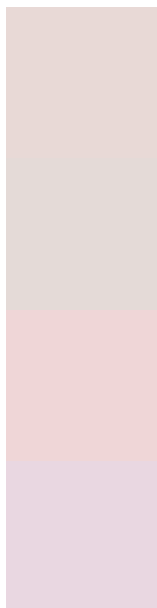
73.0221, 71.5495, 74.2517



Tritanopia

72.4021, 71.3551, 85.5582

Trichromacy



Original Color

70.2292, 71.6366, 73.7441

Protanomaly

69.3321, 71.5431, 74.4450

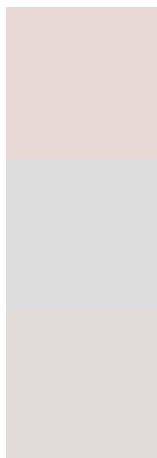
Deuteranomaly

71.9089, 71.3502, 74.2719

Tritanomaly

71.4953, 71.3608, 81.2400

Monochromacy



Original Color

70.2292, 71.6366, 73.7441

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.2994, 72.2559, 76.6240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2292, 71.6366, 73.7441 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(232, 217, 214) looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 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(232, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 214) }
```

Border

The CSS property to change the border of an element to XYZ 70.2292, 71.6366, 73.7441 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(232, 217, 214) }
```


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

```
.border{ border-color:rgb(232, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2292, 71.6366, 73.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 214) }
```

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

```
.background{ background-color: rgb(232,  
217, 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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