

Converting Colors

XYZ(71.6566, 73.4147, 75.8395)

Have a look what the booklet for
XYZ(71.6566, 73.4147, 75.8395)
contains.

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Color

**XYZ(71.7219, 73.5198,
76.0562)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DCD9
RGB	233, 220, 217
RGB Percent	91%, 86%, 85%
CMY	0.0863, 0.1372, 0.1490
CMYK	0.00, 0.06, 0.07, 0.09
HSL	11°, 27%, 88%
HSV	11°, 7%, 91%
XYZ	71.7219, 73.5198, 76.0562
YIQ	223.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

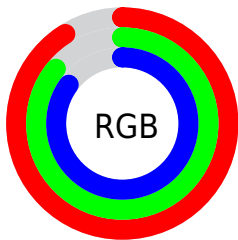
Format	Color
R_{YB}	233, 221, 217
Decimal	15326425
CIE Lab	88.70, 3.93, 3.05
CIE LCh	89, 4.980, 37.819
Yxy	73.5198, 0.3241, 0.3322
Android (android.graphics.Color)	4293516505 (0xFFE9DCD9)
YUV	223.5450, -3.2267, 8.2920
Hunter-Lab	85.7437, -0.7418, 7.4293

Details

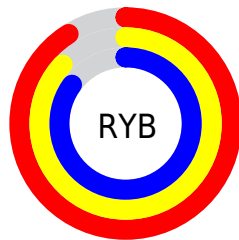
The XYZ color **71.7219, 73.5198, 76.0562** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6200, 77.2274, 88.2234**, and the grayscale version is **70.5466, 74.2205, 80.8262**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1082, 38.8660, 39.6758** is the 20% darker color. If you saturate the color by 10%, you get **64.2141, 63.0161, 59.6422**, and if you desaturate by 10%, it is **80.2241, 85.3257, 94.9145**.

Distribution



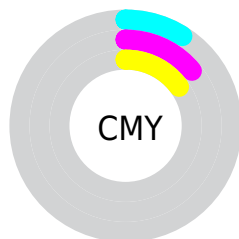
- Red (91%)
- Green (86%)
- Blue (85%)



- Red (91%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7219, 73.5198, 76.0562 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 71.7219, 73.5198, 76.0562 by changing the saturation by 10% instead.

71.7219, 73.5198,
76.0562

71.7219, 73.5198,
76.0562

455.7457,
472.8144, 500.8920

53.2162, 54.4011,
55.9717

120.6740,
124.2149, 129.5672

38.2035, 38.9224,
39.7764

151.8511,
156.5600, 163.8307

26.3186, 26.6994,
27.0518

187.9827,
194.0828, 203.6576

17.1961, 17.3476,
17.3793

229.4342,
237.1675, 249.4664

10.4706, 10.4826,
10.3405

276.5708,
286.1986, 301.6757

5.7767, 5.7201,
5.5167

329.7581,

2.7491, 2.6756,

341.5606, 360.7041

2.4895

389.3613,
403.6377, 426.9700

■ 1.0225, 0.9648,
0.8346

■ 0.0000, 0.0000,
0.0000

■ 71.7219, 73.5198,
76.0562

■ 71.7219, 73.5198,
76.0562

■ 64.2141, 63.0161,
59.6422

■ 80.2241, 85.3257,
94.9145

■ 57.6581, 53.7606,
45.5675

■ 87.4147, 96.0639,
108.5427

■ 52.0170, 45.7095,
33.7266

■ 47.2496, 38.8127,
24.0041

■ 43.3109, 33.0169,
16.2742

■ 40.1522, 28.2642,
10.3977

■ 37.7193, 24.4914,
6.2171

■ 35.9505, 21.6281,
3.5487

■ 34.7715, 19.5935,
2.1589

Harmonies

Analogous

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



72.1955, 73.5198, 79.1525



71.7219, 73.5198, 76.0562



70.7554, 73.5198, 74.0706

Triad

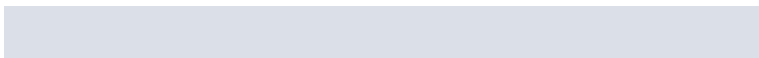
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7219, 73.5198, 76.0562



67.7579, 73.5198, 77.5751



70.1936, 73.5198, 86.7957

Complementary

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



71.7219, 73.5198, 76.0562



71.6200, 77.2274, 88.2234

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.



69.0086, 73.5198, 86.3440



71.7219, 73.5198, 76.0562



67.6113, 73.5198, 80.9554

Square

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



71.7219, 73.5198, 76.0562



68.4694, 73.5198, 74.9298



68.0667, 73.5198, 84.1824



71.3066, 73.5198, 85.3995

Rectangle

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



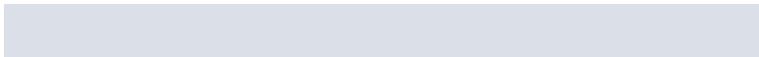
71.7219, 73.5198, 76.0562



69.9664, 73.5198, 73.6105



68.0667, 73.5198, 84.1824



69.7904, 73.5198, 86.8557

Sweetspot

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



71.7240, 73.5230, 76.0578



92.9323, 97.0612, 104.1969



72.7105, 72.6674, 85.1070



19.9135, 20.8059, 22.3517



0.0000, 0.0000, 0.0000



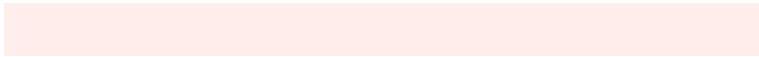
20.3446, 21.4041, 23.3091

Same Dimension

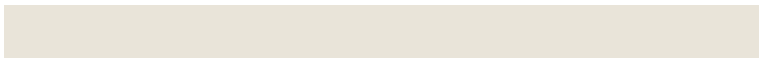
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7240, 73.5230, 76.0578



86.8776, 88.6349, 90.8239



73.8548, 77.7846, 76.7680



15.2943, 15.5116, 15.7067



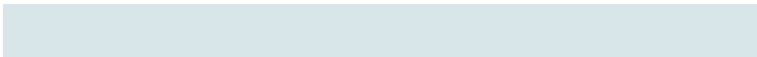
19.6396, 10.9734, 1.0830



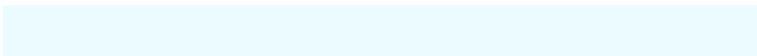
1.6064, 0.9901, 0.1064

Inverse Universe

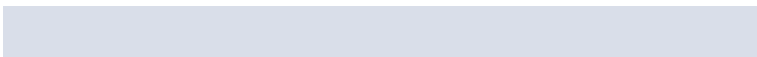
The Inverse Universe completely reimagines the original color for something new.



71.6200, 77.2274, 88.2234



86.7293, 93.9147, 108.1640



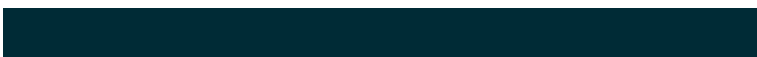
69.4633, 72.9140, 87.5045



15.2633, 16.6131, 19.3244



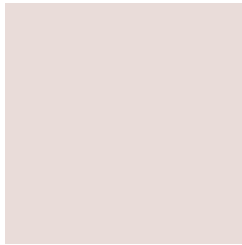
18.7882, 24.2235, 47.4283



1.5373, 2.0262, 3.7449

Previews

White Background



This preview shows how the XYZ color 71.7219, 73.5198, 76.0562 looks on a white background.

Color Contrast Check

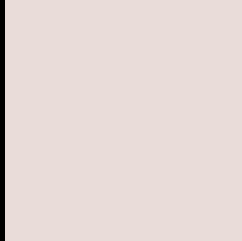
Large Text (above 18pt) WCAG AA × Fail

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 71.7219, 73.5198, 76.0562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

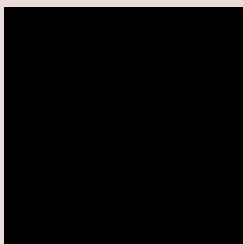
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

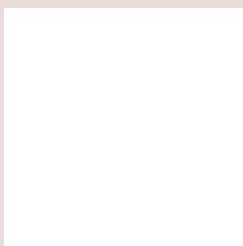
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7219, 73.5198, 76.0562

Background



This preview shows how black text looks on a background with the XYZ color 71.7219, 73.5198, 76.0562.

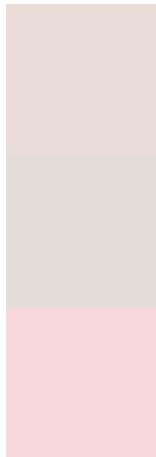


This preview shows how white text looks on a background with the XYZ color 71.7219, 73.5198,

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

71.7219, 73.5198, 76.0562

Protanopia

70.7711, 73.7985, 76.8442

Deuteranopia

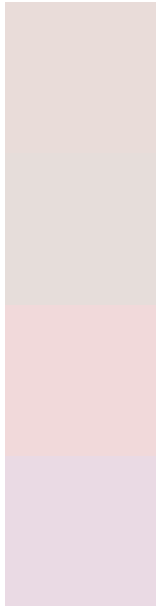
74.9614, 73.2557, 76.5185



Tritanopia

73.9251, 73.2284, 88.0801

Trichromacy



Original Color

71.7219, 73.5198, 76.0562

Protanomaly

71.1445, 73.5979, 76.7858

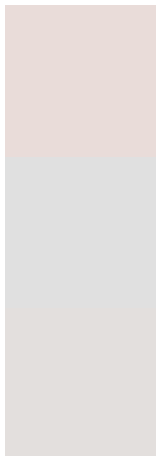
Deuteranomaly

73.7434, 73.3884, 76.6084

Tritanomaly

73.0067, 73.2367, 83.6870

Monochromacy



Original Color

71.7219, 73.5198, 76.0562

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.1174, 74.3267, 79.0048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7219, 73.5198, 76.0562 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, 220, 217) looks like.

```
.text, #text, p{  
    color:rgb(233, 220, 217)  
}
```

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, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 220, 217) }
```

Border

The CSS property to change the border of an element to XYZ 71.7219, 73.5198, 76.0562 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, 220, 217) }
```


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

```
.border{ border-color:rgb(233, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(233, 220,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7219, 73.5198, 76.0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 220, 217) }
```

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

```
.background{ background-color: rgb(233,  
220, 217) }
```

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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