

Converting Colors

XYZ(69.9198, 70.2494, 77.5845)

Have a look what the booklet for
XYZ(69.9198, 70.2494, 77.5845)
contains.

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Color

**XYZ(69.9198, 70.2494,
77.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D6DC
RGB	231, 214, 220
RGB Percent	91%, 84%, 86%
CMY	0.0941, 0.1608, 0.1372
CMYK	0.00, 0.07, 0.05, 0.09
HSL	339°, 26%, 87%
HSV	339°, 7%, 91%
XYZ	69.9198, 70.2494, 77.5845
YIQ	219.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

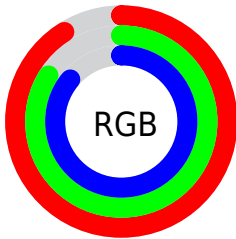
Format	Color
R_{YB}	231, 214, 220
Decimal	15193820
CIE Lab	87.12, 6.88, -0.84
CIE LCh	87, 6.934, 353.006
Yxy	70.2494, 0.3211, 0.3226
Android (android.graphics.Color)	4293383900 (0xFFE7D6DC)
YUV	219.7670, 0.1149, 9.8513
Hunter-Lab	83.8149, 2.2316, 3.7878

Details

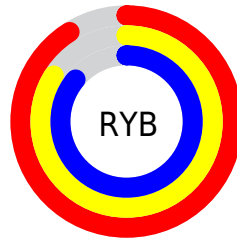
The XYZ color **69.9198, 70.2494, 77.5845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9007, 76.8859, 82.3941**, and the grayscale version is **67.8620, 71.3961, 77.7504**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8689, 36.6268, 40.7238** is the 20% darker color. If you saturate the color by 10%, you get **62.5911, 58.6197, 65.8057**, and if you desaturate by 10%, it is **78.2586, 83.6141, 90.5754**.

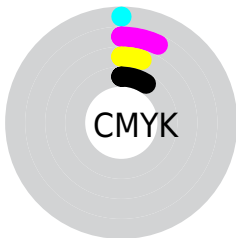
Distribution



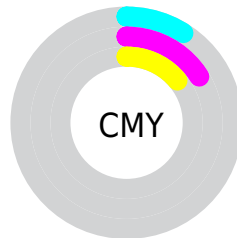
- Red (91%)
- Green (84%)
- Blue (86%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9198, 70.2494, 77.5845 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 69.9198, 70.2494, 77.5845 by changing the saturation by 10% instead.

69.9198, 70.2494,
77.5845

69.9198, 70.2494,
77.5845

449.5392,
461.4252, 506.2451

51.7405, 51.7299,
57.2183

118.1213,
119.5643, 131.7448

37.0217, 36.7898,
40.7700

148.8742,
151.1286, 166.3759

25.3981, 25.0448,
27.8211

184.5490,
187.8098, 206.5991

16.5042, 16.1104,
17.9530

225.5111,
229.9925, 252.8330

9.9747, 9.6023,
10.7471

272.1258,
278.0610, 305.4959

5.4443, 5.1361,
5.7850

324.7584,

2.5477, 2.3273,

332.3996, 365.0066

2.6481

383.7745,
393.3929, 431.7834

■ 0.9194, 0.7881,
0.9172

■ 0.0000, 0.0000,
0.0000

■ 69.9198, 70.2494,
77.5845

■ 69.9198, 70.2494,
77.5845

■ 62.5911, 58.6197,
65.8057

■ 78.2586, 83.6141,
90.5754

■ 56.2273, 48.6447,
55.1987

■ 85.9554, 95.4051,
104.2470

■ 50.7884, 40.2510,
45.7271

■ 86.7653, 95.7291,
108.5123

■ 46.2291, 33.3565,
37.3512

■ 42.5005, 27.8713,
30.0286

■ 39.5483, 23.6961,
23.7137

■ 37.3116, 20.7182,
18.3574

■ 35.7193, 18.8057,
13.9050

■ 34.6791, 17.7846,
10.2927

Harmonies

Analogous

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



69.2970, 70.2494, 82.0020



69.9198, 70.2494, 77.5845



69.6877, 70.2494, 73.0450

Triad

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



69.9198, 70.2494, 77.5845



65.5561, 70.2494, 68.5444



64.9072, 70.2494, 83.8624

Complementary

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



69.9198, 70.2494, 77.5845



69.9007, 76.8859, 82.3941

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.



63.9348, 70.2494, 80.0409



69.9198, 70.2494, 77.5845



64.3051, 70.2494, 71.2300

Square

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



69.9198, 70.2494, 77.5845



67.1511, 70.2494, 67.9464



63.7161, 70.2494, 75.4052



66.3902, 70.2494, 85.7206

Rectangle

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



69.9198, 70.2494, 77.5845



69.0812, 70.2494, 70.5465



63.7161, 70.2494, 75.4052



64.5108, 70.2494, 82.7576

Sweetspot

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



69.9218, 70.2525, 77.5860



92.9176, 96.5783, 105.5900



69.4514, 69.8361, 85.4213



19.9105, 20.7076, 22.6354



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.



69.9218, 70.2525, 77.5860



85.8607, 85.3014, 94.4918



69.7192, 71.0955, 73.6703



14.5859, 14.4516, 16.0199



19.3715, 9.8828, 5.5854



1.4744, 0.7475, 0.6385

Inverse Universe

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



69.9218, 70.2525, 77.5860



85.8607, 85.3014, 94.4918



70.1032, 75.9586, 86.5687



14.5859, 14.4516, 16.0199



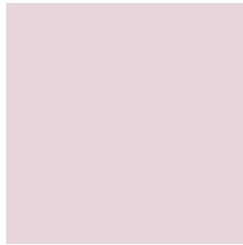
19.3715, 9.8828, 5.5854



1.4744, 0.7475, 0.6385

Previews

White Background



This preview shows how the XYZ color 69.9198, 70.2494, 77.5845 looks on a white background.

Color Contrast Check

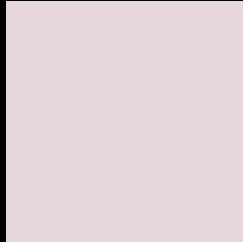
Large Text (above 18pt) WCAG AA × Fail

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 69.9198, 70.2494, 77.5845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

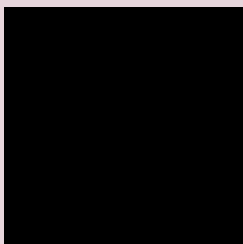
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9198, 70.2494, 77.5845

Background



This preview shows how black text looks on a background with the XYZ color 69.9198, 70.2494, 77.5845.

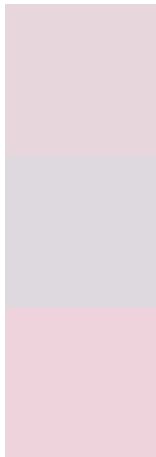


This preview shows how white text looks on a background with the XYZ color 69.9198, 70.2494,

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

69.9198, 70.2494, 77.5845

Protanopia

67.8165, 70.2718, 79.0967

Deuteranopia

71.6053, 69.9861, 78.1413



Tritanopia

71.2158, 70.4014, 83.9641

Trichromacy



Original Color

69.9198, 70.2494, 77.5845

Protanomaly

68.6583, 70.3397, 78.3649

Deuteranomaly

70.8556, 69.9696, 78.1776

Tritanomaly

70.8004, 70.2353, 81.7767

Monochromacy



Original Color

69.9198, 70.2494, 77.5845

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.7301, 71.1574, 77.8224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9198, 70.2494, 77.5845 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, 214, 220) looks like.

```
.text, #text, p{  
    color:rgb(231, 214, 220)  
}
```

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, 214, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 214, 220) }
```

Border

The CSS property to change the border of an element to XYZ 69.9198, 70.2494, 77.5845 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, 214, 220) }
```


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

```
.border{ border-color:rgb(231, 214, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 214, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(231, 214,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9198, 70.2494, 77.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 214, 220) }
```

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

```
.background{ background-color: rgb(231,  
214, 220) }
```

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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