

Converting Colors

XYZ(68.9961, 70.0552, 74.2302)

Have a look what the booklet for
XYZ(68.9961, 70.0552, 74.2302)
contains.

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Color

**XYZ(69.1993, 70.3302,
74.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D7D7
RGB	230, 215, 215
RGB Percent	90%, 84%, 84%
CMY	0.0980, 0.1568, 0.1569
CMYK	0.00, 0.07, 0.07, 0.10
HSL	0°, 23%, 87%
HSV	0°, 7%, 90%
XYZ	69.1993, 70.3302, 74.2179
YIQ	219.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

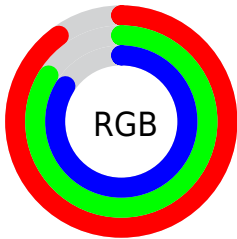
Format	Color
R _Y B	230, 215, 215
Decimal	15128535
CIE Lab	87.16, 5.16, 1.85
CIE LCh	87, 5.477, 19.698
Yxy	70.3302, 0.3237, 0.3290
Android (android.graphics.Color)	4293318615 (0xFFE6D7D7)
YUV	219.4850, -2.2111, 9.2217
Hunter-Lab	83.8631, 0.5281, 6.2332

Details

The XYZ color **69.1993, 70.3302, 74.2179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6039, 76.7525, 85.9572**, and the grayscale version is **67.6810, 71.2057, 77.5430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3715, 36.6783, 38.4203** is the 20% darker color. If you saturate the color by 10%, you get **61.0003, 58.3334, 57.9144**, and if you desaturate by 10%, it is **78.6407, 84.1451, 92.9870**.

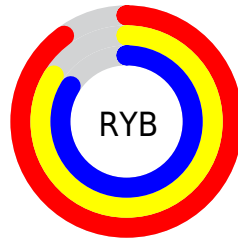
Distribution



Red (90%)

Green (84%)

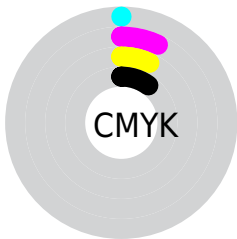
Blue (84%)



Red (90%)

Yellow (84%)

Blue (84%)

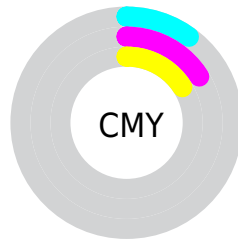


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1993, 70.3302, 74.2179 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 69.1993, 70.3302, 74.2179 by changing the saturation by 10% instead.

69.1993, 70.3302,
74.2179

69.1993, 70.3302,
74.2179

447.0440,
461.7085, 494.4086

51.1513, 51.7958,
54.4745

117.0987,
119.6795, 126.9415

36.5505, 36.8423,
38.5854

147.6808,
151.2632, 160.7589

25.0318, 25.0854,
26.1320

183.1716,
187.9654, 200.1047

16.2296, 16.1407,
16.6958

223.9365,
230.1706, 245.3974

9.7786, 9.6238,
9.8582

270.3408,
278.2631, 297.0556

5.3136, 5.1502,
5.2006

322.7499,

2.4690, 2.3357,

332.6273, 355.4978

2.3047

381.5292,
393.6477, 421.1427

■ 0.8797, 0.7925,
0.7338

■ 0.0000, 0.0000,
0.0000

■ 69.1993, 70.3302,
74.2179

■ 69.1993, 70.3302,
74.2179

■ 61.0003, 58.3334,
57.9144

■ 78.6407, 84.1451,
92.9870

■ 53.9863, 48.0703,
43.9699

■ 86.4435, 95.5632,
108.4972

■ 48.1044, 39.4636,
32.2765

■ 43.2954, 32.4266,
22.7163

■ 39.4944, 26.8645,
15.1606

■ 36.6299, 22.6726,
9.4670

■ 34.6207, 19.7323,
5.4741

■ 33.3722, 17.9049,
2.9935

■ 32.7648, 17.0157,
1.7872

Harmonies

Analogous

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



69.3065, 70.3302, 77.8497



69.1993, 70.3302, 74.2179



68.4572, 70.3302, 71.3084

Triad

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



69.1993, 70.3302, 74.2179



64.9806, 70.3302, 72.0926



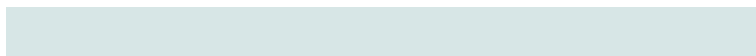
66.4060, 70.3302, 83.7506

Complementary

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



69.1993, 70.3302, 74.2179



70.6039, 76.7525, 85.9572

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.



65.2618, 70.3302, 82.1003



69.1993, 70.3302, 74.2179



64.4459, 70.3302, 75.3195

Square

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



69.1993, 70.3302, 74.2179



66.0176, 70.3302, 70.1088



64.5481, 70.3302, 78.9869



67.6828, 70.3302, 83.4326

Rectangle

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



69.1993, 70.3302, 74.2179



67.7074, 70.3302, 70.1329



64.5481, 70.3302, 78.9869



65.9934, 70.3302, 83.4056

Sweetspot

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



69.2013, 70.3333, 74.2194



92.6346, 96.4658, 104.0977



71.2174, 71.1381, 84.8412



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

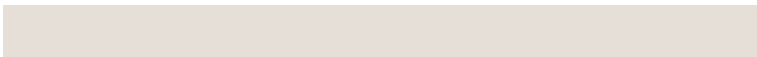
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2013, 70.3333, 74.2194



85.7732, 86.4261, 90.4558



71.1540, 74.2388, 74.8703



14.3774, 14.3686, 14.9201



18.4756, 9.5253, 0.8648



1.3654, 0.7041, 0.0639

Inverse Universe

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



70.6039, 76.7525, 85.9572



87.9373, 96.3307, 108.5666



68.5625, 72.6698, 85.2767



14.8072, 16.3357, 18.5170



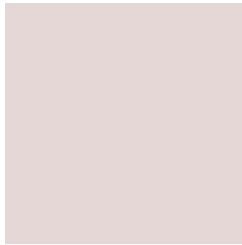
24.0967, 35.2555, 47.9181



1.7808, 2.6055, 3.5410

Previews

White Background



This preview shows how the XYZ color 69.1993, 70.3302, 74.2179 looks on a white background.

Color Contrast Check

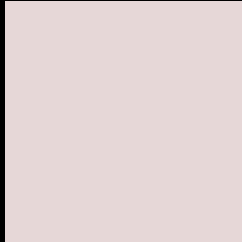
Large Text (above 18pt) WCAG AA × Fail

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 69.1993, 70.3302, 74.2179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

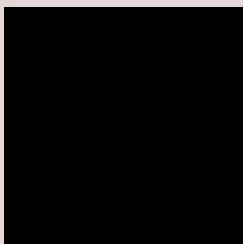
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

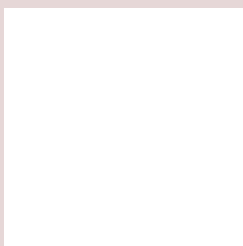
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1993, 70.3302, 74.2179

Background



This preview shows how black text looks on a background with the XYZ color 69.1993, 70.3302, 74.2179.



This preview shows how white text looks on a background with the XYZ color 69.1993, 70.3302,

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

69.1993, 70.3302, 74.2179

Protanopia

67.6389, 70.2716, 74.9646

Deuteranopia

71.6241, 70.0717, 74.7159



Tritanopia

71.2158, 70.4014, 83.9641

Trichromacy



Original Color

69.1993, 70.3302, 74.2179

Protanomaly

68.3146, 70.2384, 74.9225

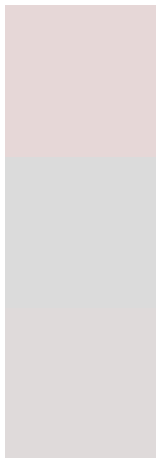
Deuteranomaly

70.5302, 69.8777, 74.7361

Tritanomaly

70.4561, 70.4639, 80.4085

Monochromacy



Original Color

69.1993, 70.3302, 74.2179

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1577, 70.8927, 76.4210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1993, 70.3302, 74.2179 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(230, 215, 215) looks like.

```
.text, #text, p{  
    color:rgb(230, 215, 215)  
}
```

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(230, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 69.1993, 70.3302, 74.2179 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(230, 215, 215) }
```


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

```
.border{ border-color:rgb(230, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(230, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1993, 70.3302, 74.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 215, 215) }
```

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

```
.background{ background-color: rgb(230,  
215, 215) }
```

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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