

Converting Colors

XYZ(69.9450, 68.9026, 73.7448)

Have a look what the booklet for
XYZ(69.9450, 68.9026, 73.7448)
contains.

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Color

**XYZ(69.9044, 68.8324,
73.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD2D7
RGB	236, 210, 215
RGB Percent	93%, 82%, 84%
CMY	0.0745, 0.1764, 0.1569
CMYK	0.00, 0.11, 0.09, 0.07
HSL	348°, 41%, 87%
HSV	348°, 11%, 93%
XYZ	69.9044, 68.8324, 73.8916
YIQ	218.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

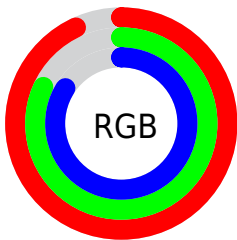
Format	Color
R _Y B	236, 210, 215
Decimal	15520471
CIE Lab	86.42, 9.86, 0.83
CIE LCh	86, 9.893, 4.828
Yxy	68.8324, 0.3288, 0.3237
Android (android.graphics.Color)	4293710551 (0xFFECD2D7)
YUV	218.3440, -1.6486, 15.4843
Hunter-Lab	82.9653, 5.2102, 5.2701

Details

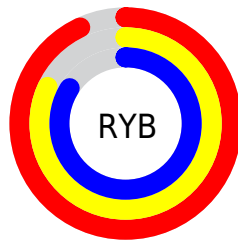
The XYZ color **69.9044, 68.8324, 73.8916** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0003, 79.4638, 87.2011**, and the grayscale version is **66.8839, 70.3671, 76.6297**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0560, 36.0183, 38.2569** is the 20% darker color. If you saturate the color by 10%, you get **62.1935, 57.1047, 59.9312**, and if you desaturate by 10%, it is **78.7639, 82.3988, 89.6450**.

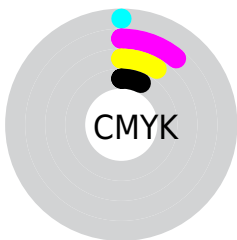
Distribution



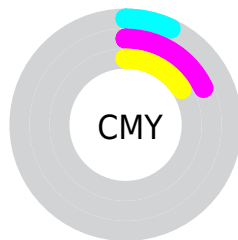
- Red (93%)
- Green (82%)
- Blue (84%)



- Red (93%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9044, 68.8324, 73.8916 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 69.9044, 68.8324, 73.8916 by changing the saturation by 10% instead.

69.9044, 68.8324,
73.8916

69.9044, 68.8324,
73.8916

449.4859,
456.4396, 493.2526

51.7279, 50.5752,
54.2091

118.0994,
117.5422, 126.4748

37.0116, 35.8707,
38.3745

148.8487,
148.7635, 160.2125

25.3902, 24.3343,
25.9694

184.5196,
185.0751, 199.4723

16.4983, 15.5818,
16.5752

225.4774,
226.8613, 244.6728

9.9705, 9.2287,
9.7733

272.0876,
274.5064, 296.2326

5.4415, 4.8907,
5.1453

324.7156,

2.5460, 2.1833,

328.3949, 354.5701

2.2725

383.7265,
388.9112, 420.1039

■ 0.9185, 0.7108,
0.7158

■ 0.0000, 0.0000,
0.0000

■ 69.9044, 68.8324,
73.8916

■ 69.9044, 68.8324,
73.8916

■ 62.1935, 57.1047,
59.9312

■ 78.7639, 82.3988,
89.6450

■ 55.5782, 47.1276,
47.6954

■ 88.1029, 96.4532,
107.0116

■ 50.0098, 38.8198,
37.1181

■ 88.4024, 96.5730,
108.5889

■ 45.4338, 32.0896,
28.1269

■ 41.7906, 26.8365,
20.6444

■ 39.0142, 22.9485,
14.5861

■ 37.0292, 20.2973,
9.8590

■ 35.7472, 18.7301,
6.3585

■ 35.0729, 18.0252,
4.1492

Harmonies

Analogous

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



69.4850, 68.8324, 80.4332



69.9044, 68.8324, 73.8916



69.1004, 68.8324, 67.9805

Triad

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



69.9044, 68.8324, 73.8916



62.9432, 68.8324, 65.0750



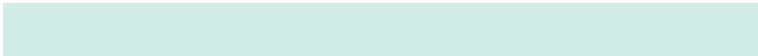
63.5702, 68.8324, 86.9347

Complementary

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



69.9044, 68.8324, 73.8916



71.0003, 79.4638, 87.2011

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.



61.8787, 68.8324, 82.3734



69.9044, 68.8324, 73.8916



61.5227, 68.8324, 69.7157

Square

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



69.9044, 68.8324, 73.8916



65.0536, 68.8324, 63.0828



61.1376, 68.8324, 76.0120



65.7940, 68.8324, 88.2122

Rectangle

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



69.9044, 68.8324, 73.8916



67.9895, 68.8324, 65.1145



61.1376, 68.8324, 76.0120



62.9221, 68.8324, 85.7221

Sweetspot

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



69.9063, 68.8354, 73.8931



91.6787, 94.8241, 102.9464



71.0796, 69.1082, 88.9505



19.4348, 20.0076, 21.7014



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.



69.9063, 68.8354, 73.8931



81.3557, 79.0366, 84.5272



71.2467, 72.5278, 71.2207



15.1838, 15.1014, 16.2529



19.3681, 9.9499, 2.4738



1.5537, 0.7944, 0.3670

Inverse Universe

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



69.9063, 68.8354, 73.8931



81.3557, 79.0366, 84.5272



69.5196, 75.3569, 90.2389



15.1838, 15.1014, 16.2529



19.3681, 9.9499, 2.4738



1.5537, 0.7944, 0.3670

Previews

White Background



This preview shows how the XYZ color 69.9044, 68.8324, 73.8916 looks on a white background.

Color Contrast Check

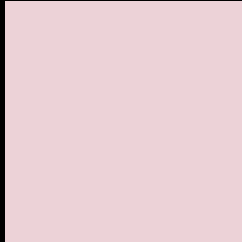
Large Text (above 18pt) WCAG AA × Fail

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 69.9044, 68.8324, 73.8916 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 69.9044, 68.8324, 73.8916

Background



This preview shows how black text looks on a background with the XYZ color 69.9044, 68.8324, 73.8916.



This preview shows how white text looks on a background with the XYZ color 69.9044, 68.8324,

73.8916.

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

69.9044, 68.8324, 73.8916

Protanopia

66.4705, 68.8785, 76.1212

Deuteranopia

70.3261, 68.6844, 73.8408



Tritanopia

71.0715, 68.5525, 80.7202

Trichromacy



Original Color

69.9044, 68.8324, 73.8916

Protanomaly

67.6827, 68.7670, 75.3517

Deuteranomaly

69.9913, 68.5117, 73.8251

Tritanomaly

70.7767, 68.8259, 77.9610

Monochromacy



Original Color

69.9044, 68.8324, 73.8916

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.8762, 69.6182, 75.5058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9044, 68.8324, 73.8916 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(236, 210, 215)` looks like.

```
.text, #text, p{  
    color:rgb(236, 210, 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(236, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 210, 215) }
```

Border

The CSS property to change the border of an element to XYZ 69.9044, 68.8324, 73.8916 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(236, 210, 215) }
```


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

```
.border{ border-color:rgb(236, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(236, 210,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9044, 68.8324, 73.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 210, 215) }
```

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

```
.background{ background-color: rgb(236,  
210, 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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