

Converting Colors

XYZ(69.3314, 69.1323, 69.0465)

Have a look what the booklet for
XYZ(69.3314, 69.1323, 69.0465)
contains.

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Color

**XYZ(69.2715, 68.9755,
69.3371)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD3D0
RGB	236, 211, 208
RGB Percent	93%, 83%, 82%
CMY	0.0745, 0.1725, 0.1843
CMYK	0.00, 0.11, 0.12, 0.07
HSL	6°, 42%, 87%
HSV	6°, 12%, 93%
XYZ	69.2715, 68.9755, 69.3371
YIQ	218.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

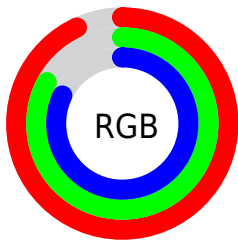
Format	Color
R _Y B	236, 211, 208
Decimal	15520720
CIE Lab	86.49, 8.19, 4.64
CIE LCh	86, 9.411, 29.560
Yxy	68.9755, 0.3337, 0.3323
Android (android.graphics.Color)	4293710800 (0xFFECD3D0)
YUV	218.1330, -4.9956, 15.6694
Hunter-Lab	83.0515, 3.5430, 8.6367

Details

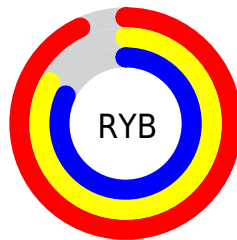
The XYZ color **69.2715, 68.9755, 69.3371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.2912, 77.7422, 90.6585**, and the grayscale version is **66.7596, 70.2363, 76.4874**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5436, 35.8133, 35.5585** is the 20% darker color. If you saturate the color by 10%, you get **61.6863, 58.1106, 53.5336**, and if you desaturate by 10%, it is **77.9786, 81.3913, 87.6477**.

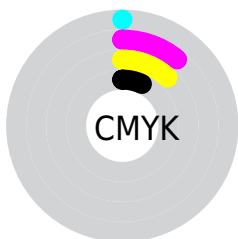
Distribution



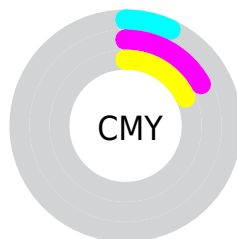
- Red (93%)
- Green (83%)
- Blue (82%)



- Red (93%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2715, 68.9755, 69.3371 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 69.2715, 68.9755, 69.3371 by changing the saturation by 10% instead.

69.2715, 68.9755,
69.3371

69.2715, 68.9755,
69.3371

447.2944,
456.9446, 476.9451

51.2103, 50.6918,
50.5128

117.2012,
117.7466, 119.9352

36.5977, 35.9634,
35.4470

147.8005,
149.0027, 152.5460

25.0684, 24.4059,
23.7211

183.3097,
185.3518, 190.5895

16.2570, 15.6350,
14.9166

224.0944,
227.1781, 234.4842

9.7982, 9.2662,
8.6149

270.5199,
274.8662, 284.6485

5.3266, 4.9152,
4.3975

322.9514,

2.4769, 2.1976,

328.8003, 341.5011

1.8458

381.7545,
389.3650, 405.4604

■ 0.8836, 0.7187,
0.4579

■ 0.0000, 0.0000,
0.0000

■ 69.2715, 68.9755,
69.3371

■ 69.2715, 68.9755,
69.3371

■ 61.6863, 58.1106,
53.5336

■ 77.9786, 81.3913,
87.6477

■ 55.1717, 48.7268,
40.1238

■ 87.8123, 95.3929,
108.3922

■ 49.6811, 40.7628,
28.9922

■ 88.4024, 96.5730,
108.5889

■ 45.1621, 34.1491,
20.0119

■ 41.5576, 28.8107,
13.0438

■ 38.8046, 24.6651,
7.9321

■ 36.8318, 21.6201,
4.4982

■ 35.5561, 19.5697,
2.5284

■ 34.9469, 18.5421,
1.7371

Harmonies

Analogous

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



69.8387, 68.9755, 75.1947



69.2715, 68.9755, 69.3371



67.7048, 68.9755, 65.2251

Triad

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



69.2715, 68.9755, 69.3371



62.0128, 68.9755, 69.1860



65.5270, 68.9755, 87.7517

Complementary

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



69.2715, 68.9755, 69.3371



70.2912, 77.7422, 90.6585

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.



63.4593, 68.9755, 85.9301



69.2715, 68.9755, 69.3371



61.4581, 68.9755, 75.0106

Square

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



69.2715, 68.9755, 69.3371



63.5138, 68.9755, 65.1413



61.9818, 68.9755, 81.1791



67.6479, 68.9755, 86.0309

Rectangle

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



69.2715, 68.9755, 69.3371



66.3213, 68.9755, 63.9093



61.9818, 68.9755, 81.1791



64.8029, 68.9755, 87.5320

Sweetspot

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



69.2734, 68.9786, 69.3386



90.6146, 93.6877, 99.5338



71.8853, 68.8402, 86.7401



19.2220, 19.8063, 20.9393



0.0000, 0.0000, 0.0000



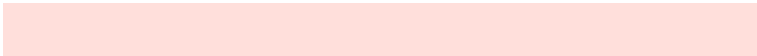
20.3446, 21.4041, 23.3091

Same Dimension

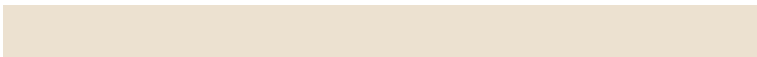
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2734, 68.9786, 69.3386



80.4883, 79.2354, 78.2769



72.8492, 76.1301, 70.5305



15.1955, 15.3141, 15.6737



19.3079, 10.3101, 0.9724



1.5596, 0.8966, 0.0909

Inverse Universe

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



70.2912, 77.7422, 90.6585



81.9039, 91.4269, 107.9381



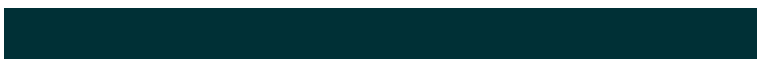
66.5374, 70.2344, 89.4072



15.3716, 16.8296, 19.3605



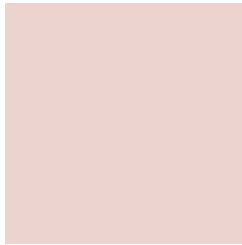
21.1998, 29.0465, 48.2322



1.7043, 2.3601, 3.8006

Previews

White Background



This preview shows how the XYZ color 69.2715, 68.9755, 69.3371 looks on a white background.

Color Contrast Check

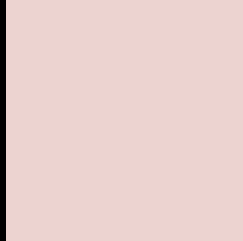
Large Text (above 18pt) WCAG AA × Fail

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 69.2715, 68.9755, 69.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

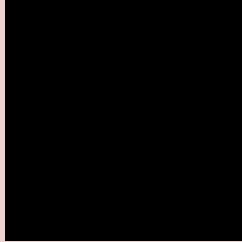
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2715, 68.9755, 69.3371

Background



This preview shows how black text looks on a background with the XYZ color 69.2715, 68.9755, 69.3371.

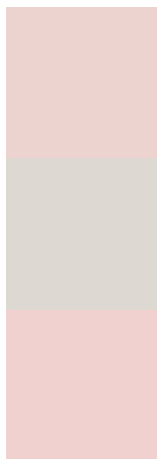


This preview shows how white text looks on a background with the XYZ color 69.2715, 68.9755,

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

69.2715, 68.9755, 69.3371

Protanopia

66.4379, 69.3445, 71.5112

Deuteranopia

70.4613, 68.8558, 69.2513



Tritanopia

71.4064, 68.7251, 80.7359

Trichromacy



Original Color

69.2715, 68.9755, 69.3371

Protanomaly

67.3580, 69.0772, 70.7558

Deuteranomaly

70.0284, 68.9980, 69.3016

Tritanomaly

70.5117, 68.7199, 76.5657

Monochromacy



Original Color

69.2715, 68.9755, 69.3371

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4894, 69.4635, 73.4690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2715, 68.9755, 69.3371 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, 211, 208) looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 208)  
}
```

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, 211, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.2715, 68.9755, 69.3371 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, 211, 208) }
```


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

```
.border{ border-color:rgb(236, 211, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 208);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2715, 68.9755, 69.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 208) }
```

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

```
.background{ background-color: rgb(236,  
211, 208) }
```

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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