

Converting Colors

XYZ(69.5913, 69.0674, 64.7591)

Have a look what the booklet for
XYZ(69.5913, 69.0674, 64.7591)
contains.

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Color

**XYZ(69.7721, 69.3308,
64.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D3C9
RGB	240, 211, 201
RGB Percent	94%, 83%, 79%
CMY	0.0588, 0.1725, 0.2118
CMYK	0.00, 0.12, 0.16, 0.06
HSL	15°, 57%, 86%
HSV	15°, 16%, 94%
XYZ	69.7721, 69.3308, 64.9631
YIQ	218.5310, 20.4940, 3.0380

Conversions

Conversions Part 2

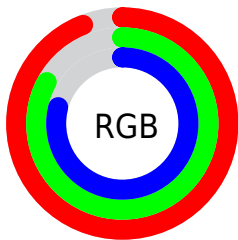
Format	Color
R _Y B	240, 214, 201
Decimal	15782857
CIE Lab	86.67, 8.51, 8.64
CIE LCh	87, 12.129, 45.443
Yxy	69.3308, 0.3419, 0.3397
Android (android.graphics.Color)	4293972937 (0xFFFF0D3C9)
YUV	218.5310, -8.6428, 18.8283
Hunter-Lab	83.2651, 3.8603, 12.0278

Details

The XYZ color **69.7721, 69.3308, 64.9631** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1121, 75.3009, 93.3835**, and the grayscale version is **67.0567, 70.5489, 76.8277**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9221, 36.0739, 32.6207** is the 20% darker color. If you saturate the color by 10%, you get **62.9773, 59.9114, 49.8405**, and if you desaturate by 10%, it is **77.5040, 79.9170, 82.5759**.

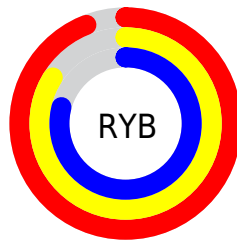
Distribution



Red (94%)

Green (83%)

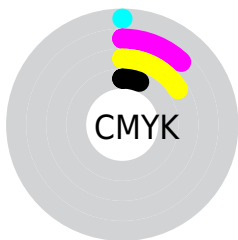
Blue (79%)



Red (94%)

Yellow (84%)

Blue (79%)

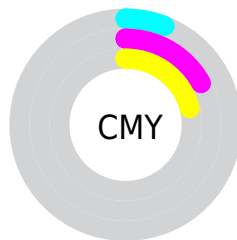


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (6%)



Cyan (6%)


Magenta (17%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7721, 69.3308, 64.9631 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 69.7721, 69.3308, 64.9631 by changing the saturation by 10% instead.


 69.7721, 69.3308,
64.9631

 69.7721, 69.3308,
64.9631


449.0283,
458.1968, 460.9619

 51.6197, 50.9812,
46.9800


117.9117,
118.2539, 113.6096

 36.9251, 36.1936,
32.6656


148.6297,
149.5962, 145.1100

 25.3229, 24.5838,
21.6014

184.2668,
186.0382, 181.9534

 16.4478, 15.7672,
13.3688

225.1886,
227.9642, 224.5581

 9.9344, 9.3596,
7.5493

271.7602,
275.7587, 273.3428

 5.4174, 4.9765,
3.7243

324.3472,

 2.5315, 2.2335,

329.8060, 328.7260

1.4754

383.3147,
390.4906, 391.1262

■ 0.9111, 0.7381,
0.1995

■ 0.0000, 0.0000,
0.0000

■ 69.7721, 69.3308,
64.9631

■ 69.7721, 69.3308,
64.9631

■ 62.9773, 59.9114,
49.8405

■ 77.5040, 79.9170,
82.5759

■ 57.0774, 51.6095,
37.0909

■ 86.2016, 91.6989,
102.7803

■ 52.0355, 44.3854,
26.5940

■ 89.7455, 97.2654,
108.6518

■ 47.8097, 38.1940,
18.2172

■ 44.3543, 32.9865,
11.8141

■ 41.6188, 28.7102,
7.2191

■ 39.5459, 25.3069,
4.2393

■ 38.0675, 22.7106,
2.6357

■ 37.6346, 21.9236,
2.2481

Harmonies

Analogous

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



71.2589, 69.3308, 71.4322



69.7721, 69.3308, 64.9631



67.2681, 69.3308, 61.4437

Triad

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



69.7721, 69.3308, 64.9631



60.7902, 69.3308, 71.6559



67.3502, 69.3308, 91.4569

Complementary

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



69.7721, 69.3308, 64.9631



68.1121, 75.3009, 93.3835

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.



64.5443, 69.3308, 91.5275



69.7721, 69.3308, 64.9631



60.8108, 69.3308, 79.6975

Square

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



69.7721, 69.3308, 64.9631



62.1108, 69.3308, 65.1168



62.1678, 69.3308, 87.0956



69.8337, 69.3308, 86.9090

Rectangle

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



69.7721, 69.3308, 64.9631



65.3842, 69.3308, 61.0712



62.1678, 69.3308, 87.0956



66.4122, 69.3308, 92.0152

Sweetspot

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



69.7740, 69.3339, 64.9646



90.1147, 93.3061, 97.4617



71.1408, 66.0267, 84.0429



19.1446, 19.7760, 20.5297



0.0000, 0.0000, 0.0000



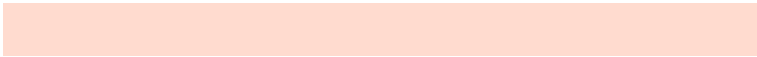
20.3446, 21.4041, 23.3091

Same Dimension

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



69.7740, 69.3339, 64.9646



77.7734, 76.3948, 69.3900



74.8451, 79.4761, 66.6549



16.1024, 16.4178, 16.4700



20.6919, 12.1818, 1.2607



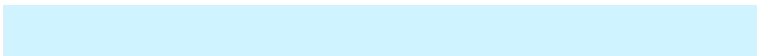
1.7988, 1.1683, 0.1307

Inverse Universe

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



68.1121, 75.3009, 93.3835



75.5791, 84.2657, 106.8892



63.0487, 65.1741, 91.6957



15.8842, 17.2025, 20.2048



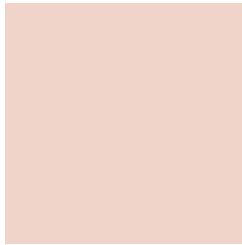
17.4850, 21.1943, 48.2972



1.5339, 1.9219, 4.0443

Previews

White Background



This preview shows how the XYZ color 69.7721, 69.3308, 64.9631 looks on a white background.

Color Contrast Check

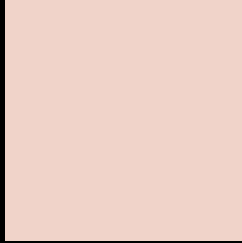
Large Text (above 18pt) WCAG AA × Fail

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 69.7721, 69.3308, 64.9631 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 69.7721, 69.3308, 64.9631

Background



This preview shows how black text looks on a background with the XYZ color 69.7721, 69.3308, 64.9631.

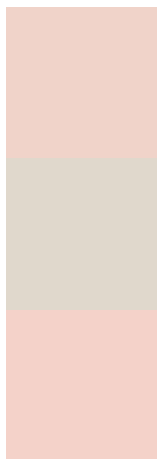


This preview shows how white text looks on a background with the XYZ color 69.7721, 69.3308,

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

69.7721, 69.3308, 64.9631

Protanopia

66.1954, 69.3187, 67.0177

Deuteranopia

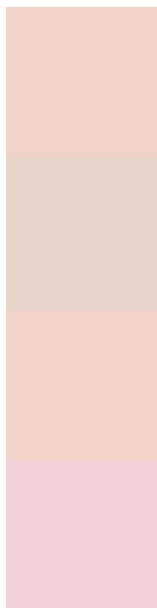
70.8974, 69.5433, 64.9448



Tritanopia

72.9726, 69.5483, 80.0991

Trichromacy



Original Color

69.7721, 69.3308, 64.9631

Protanomaly

67.4592, 69.2279, 66.3068

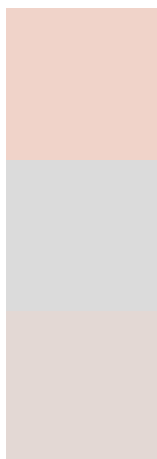
Deuteranomaly

70.5514, 69.3649, 64.9287

Tritanomaly

71.8131, 69.4360, 74.5833

Monochromacy



Original Color

69.7721, 69.3308, 64.9631

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1181, 70.1961, 72.2463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7721, 69.3308, 64.9631 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(240, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(240, 211, 201)  
}
```

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(240, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 211, 201) }
```

Border

The CSS property to change the border of an element to XYZ 69.7721, 69.3308, 64.9631 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(240, 211, 201) }
```


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

```
.border{ border-color:rgb(240, 211, 201) }
```

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

Here you see how a box with a 4 pixel rgb(240, 211, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(240, 211,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7721, 69.3308, 64.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 211, 201) }
```

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

```
.background{ background-color: rgb(240,  
211, 201) }
```

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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