

Converting Colors

XYZ(75.5152, 75.6473, 68.1544)

Have a look what the booklet for
XYZ(75.5152, 75.6473, 68.1544)
contains.

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Color

**XYZ(75.6796, 75.7339,
68.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DCCD
RGB	249, 220, 205
RGB Percent	98%, 86%, 80%
CMY	0.0235, 0.1372, 0.1961
CMYK	0.00, 0.12, 0.18, 0.02
HSL	20°, 79%, 89%
HSV	20°, 18%, 98%
XYZ	75.6796, 75.7339, 68.3870
YIQ	226.9610, 22.0990, 1.4830

Conversions

Conversions Part 2

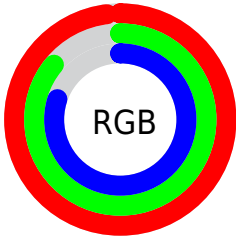
Format	Color
R _Y B	249, 228, 205
Decimal	16374989
CIE Lab	89.74, 7.67, 11.03
CIE LCh	90, 13.432, 55.166
Yxy	75.7339, 0.3443, 0.3446
Android (android.graphics.Color)	4294565069 (0xFFF9DCCD)
YUV	226.9610, -10.8268, 19.3282
Hunter-Lab	87.0252, 2.9345, 14.3258

Details

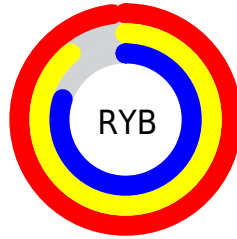
The XYZ color **75.6796, 75.7339, 68.3870** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6982, 78.6627, 101.0278**, and the grayscale version is **73.0520, 76.8564, 83.6966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7793, 40.3511, 34.9174** is the 20% darker color. If you saturate the color by 10%, you get **68.8130, 66.4338, 52.4305**, and if you desaturate by 10%, it is **83.4514, 86.0776, 87.0069**.

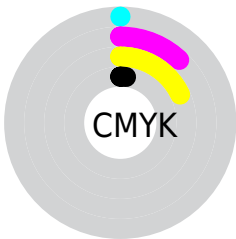
Distribution



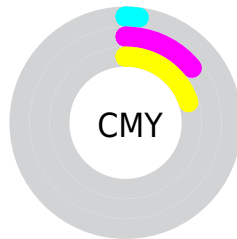
- Red (98%)
- Green (86%)
- Blue (80%)



- Red (98%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6796, 75.7339, 68.3870 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 75.6796, 75.7339, 68.3870 by changing the saturation by 10% instead.


 75.6796, 75.7339,
68.3870

 75.6796, 75.7339,
68.3870

469.2115,
480.4363, 473.5012

 56.4660, 56.2143,
49.7440


126.2567,
127.3507, 118.5650

 40.8151, 40.3748,
34.8403


158.3508,
160.2167, 150.9372

 28.3617, 27.8309,
23.2573


195.4692,
198.3003, 188.7227

 18.7403, 18.1982,
14.5765

237.9771,
241.9859, 232.3403

 11.5857, 11.0924,
8.3794

286.2399,
291.6580, 282.2084

 6.5324, 6.1290,
4.2474

340.6230,

 3.2151, 2.9237,

347.7008, 338.7455

1.7620

401.4917,
410.4987, 402.3703

■ 1.2685, 1.0920,
0.4027

■ 0.1595, 0.0000,
0.0000

■ 75.6796, 75.7339,
68.3870

■ 75.6796, 75.7339,
68.3870

■ 68.8130, 66.4338,
52.4305

■ 83.4514, 86.0776,
87.0069

■ 62.8109, 58.1338,
39.0096

■ 92.1550, 97.4864,
108.4003

■ 57.6381, 50.8023,
27.9933

■ 92.8772, 98.8799,
108.7983

■ 53.2546, 44.4018,
19.2366

■ 49.6168, 38.8925,
12.5788

■ 46.6761, 34.2311,
7.8376

■ 44.3769, 30.3698,
4.7988

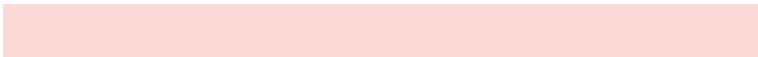
■ 42.6494, 27.2534,
3.1791

■ 42.3088, 26.6231,
2.9089

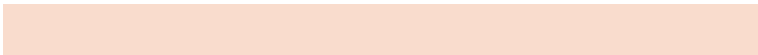
Harmonies

Analogous

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



77.8980, 75.7339, 74.9507



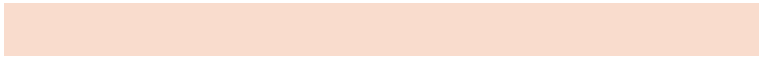
75.6796, 75.7339, 68.3870



72.5204, 75.7339, 65.6000

Triad

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



75.6796, 75.7339, 68.3870



65.8255, 75.7339, 80.9350



74.7233, 75.7339, 100.0826

Complementary

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



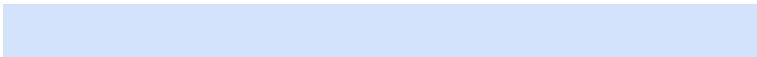
75.6796, 75.7339, 68.3870



71.6982, 78.6627, 101.0278

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.



71.4479, 75.7339, 101.9894



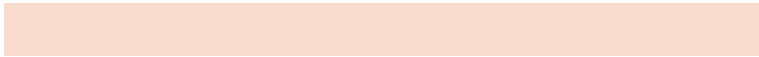
75.6796, 75.7339, 68.3870



66.3749, 75.7339, 90.4577

Square

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



75.6796, 75.7339, 68.3870



66.8842, 75.7339, 72.4822



68.4084, 75.7339, 98.3452



77.3341, 75.7339, 93.3168

Rectangle

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



75.6796, 75.7339, 68.3870



70.3306, 75.7339, 66.0907



68.4084, 75.7339, 98.3452



73.6607, 75.7339, 101.3341

Sweetspot

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



75.6817, 75.7373, 68.3886



90.4425, 93.9617, 97.5710



75.7984, 69.7631, 87.5647



19.2241, 19.9349, 20.5562



0.0000, 0.0000, 0.0000



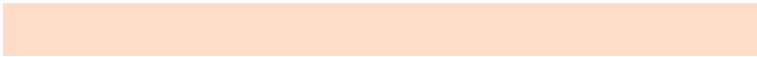
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6817, 75.7373, 68.3886



77.3531, 76.5332, 66.2317



81.7402, 87.8544, 70.4081



17.7284, 18.1927, 18.0396



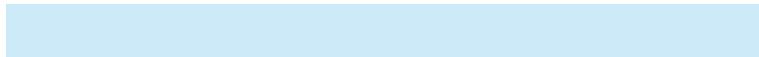
22.7651, 14.4868, 1.5964



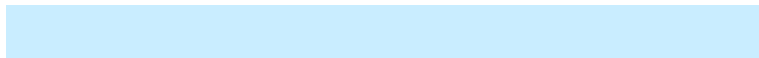
2.2026, 1.5300, 0.1792

Inverse Universe

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



71.6982, 78.6627, 101.0278



72.4672, 80.1172, 106.2525



65.9036, 67.0736, 99.0962



17.2383, 18.5533, 22.0579



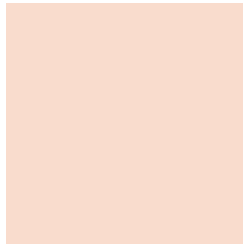
16.4045, 18.1645, 50.6150



1.6177, 1.8790, 4.7206

Previews

White Background



This preview shows how the XYZ color 75.6796, 75.7339, 68.3870 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 75.6796, 75.7339, 68.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

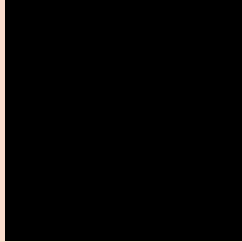
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6796, 75.7339, 68.3870

Background



This preview shows how black text looks on a background with the XYZ color 75.6796, 75.7339, 68.3870.

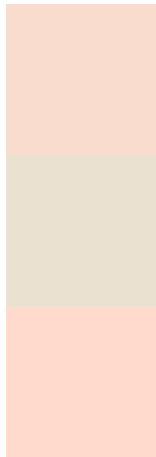


This preview shows how white text looks on a background with the XYZ color 75.6796, 75.7339,

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

75.6796, 75.7339, 68.3870

Protanopia

72.2421, 75.8969, 70.5165

Deuteranopia

77.3308, 75.8106, 68.3147



Tritanopia

79.7719, 75.8776, 87.5322

Trichromacy



Original Color

75.6796, 75.7339, 68.3870

Protanomaly

73.2468, 75.6311, 69.7692

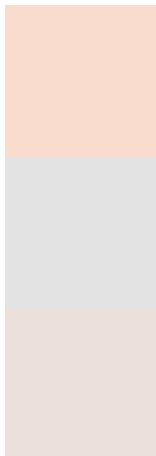
Deuteranomaly

76.8590, 75.9535, 68.3672

Tritanomaly

78.2770, 75.6489, 80.2881

Monochromacy



Original Color

75.6796, 75.7339, 68.3870

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7028, 76.0879, 77.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6796, 75.7339, 68.3870 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(249, 220, 205) looks like.

```
.text, #text, p{  
    color:rgb(249, 220, 205)  
}
```

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(249, 220, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 220, 205) }
```

Border

The CSS property to change the border of an element to XYZ 75.6796, 75.7339, 68.3870 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(249, 220, 205) }
```


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

```
.border{ border-color:rgb(249, 220, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 220, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 220, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 220, 205);  
box-shadow:4px 4px 4px 4px rgb(249, 220,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6796, 75.7339, 68.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 220, 205) }
```

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

```
.background{ background-color: rgb(249,  
220, 205) }
```

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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