

Converting Colors

XYZ(76.3456, 75.9184, 75.5956)

Have a look what the booklet for XYZ(76.3456, 75.9184, 75.5956) contains.

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Color

**XYZ(76.3456, 75.9184,
75.5956)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCD8
RGB	247, 220, 216
RGB Percent	97%, 86%, 85%
CMY	0.0314, 0.1372, 0.1529
CMYK	0.00, 0.11, 0.13, 0.03
HSL	8°, 66%, 91%
HSV	8°, 13%, 97%
XYZ	76.3456, 75.9184, 75.5956
YIQ	227.6170, 17.3760, 4.4800

Conversions

Conversions Part 2

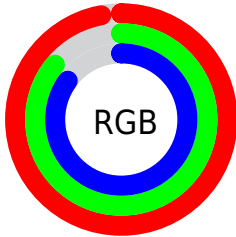
Format	Color
R _Y B	247, 221, 216
Decimal	16243928
CIE Lab	89.82, 8.66, 5.35
CIE LCh	90, 10.180, 31.736
Yxy	75.9184, 0.3351, 0.3332
Android (android.graphics.Color)	4294434008 (0xFF7DCD8)
YUV	227.6170, -5.7272, 16.9989
Hunter-Lab	87.1312, 3.9248, 9.5514

Details

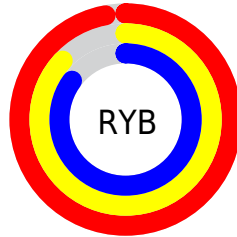
The XYZ color **76.3456, 75.9184, 75.5956** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1575, 85.4137, 100.4162**, and the grayscale version is **73.4964, 77.3239, 84.2057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1234, 40.4306, 39.3547** is the 20% darker color. If you saturate the color by 10%, you get **68.1030, 64.1647, 58.2599**, and if you desaturate by 10%, it is **85.7988, 89.3235, 95.7047**.

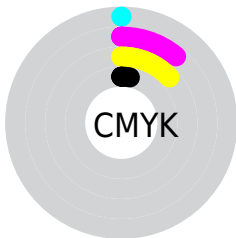
Distribution



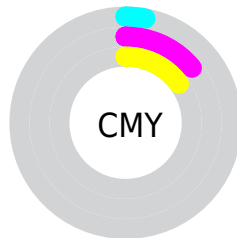
- Red (97%)
- Green (86%)
- Blue (85%)



- Red (97%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3456, 75.9184, 75.5956 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 76.3456, 75.9184, 75.5956 by changing the saturation by 10% instead.

 76.3456, 75.9184,
75.5956

 76.3456, 75.9184,
75.5956


471.4562,
481.0683, 499.2722

 57.0140, 56.3656,
55.5963


127.1931,
127.6116, 128.9099

 41.2567, 40.4961,
39.4775

159.4396,
160.5207, 163.0621

 28.7082, 27.9256,
26.8207


196.7219,
198.6507, 202.7689

 19.0034, 18.2696,
17.2074

239.4052,
242.3861, 248.4489

 11.7767, 11.1437,
10.2189

287.8550,
292.1111, 300.5207

 6.6630, 6.1636,
5.4369

342.4365,

 3.2967, 2.9448,

348.2102, 359.4028

2.4426

403.5151,
411.0678, 425.5138

■ 1.3125, 1.1030,
0.8095

■ 0.1926, 0.0000,
0.0000

■ 76.3456, 75.9184,
75.5956

■ 76.3456, 75.9184,
75.5956

■ 68.1030, 64.1647,
58.2599

■ 85.7988, 89.3235,
95.7047

■ 61.0159, 53.9888,
43.5713

■ 92.1681, 98.5143,
108.7651

■ 55.0342, 45.3263,
31.4006

■ 50.1015, 38.1048,
21.6060

■ 46.1568, 32.2457,
14.0318

■ 43.1322, 27.6628,
8.5032

■ 40.9513, 24.2600,
4.8195

■ 39.5247, 21.9275,
2.7389

■ 38.8721, 20.8023,
1.9665

Harmonies

Analogous

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



77.0958, 75.9184, 82.2437



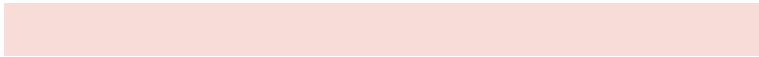
76.3456, 75.9184, 75.5956



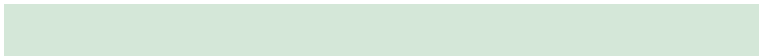
74.4702, 75.9184, 71.0644

Triad

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



76.3456, 75.9184, 75.5956



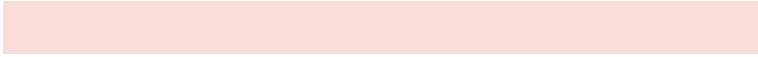
67.9859, 75.9184, 76.2817



72.3046, 75.9184, 97.2781

Complementary

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



76.3456, 75.9184, 75.5956



77.1575, 85.4137, 100.4162

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.



69.8945, 75.9184, 95.4579



76.3456, 75.9184, 75.5956



67.4360, 75.9184, 83.0821

Square

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



76.3456, 75.9184, 75.5956



69.6466, 75.9184, 71.4441



68.1267, 75.9184, 90.1561



74.7294, 75.9184, 94.9972

Rectangle

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



76.3456, 75.9184, 75.5956



72.8548, 75.9184, 69.7115



68.1267, 75.9184, 90.1561



71.4660, 75.9184, 97.1251

Sweetspot

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



76.3477, 75.9218, 75.5972



90.6825, 93.8235, 99.5565



79.1501, 75.3812, 95.4770



19.2391, 19.8405, 20.9450



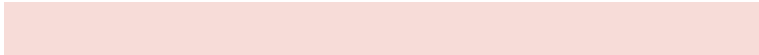
0.0000, 0.0000, 0.0000



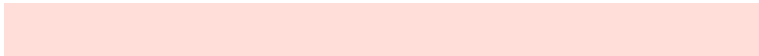
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3477, 75.9218, 75.5972



79.7712, 78.3353, 76.3911



80.4950, 84.2164, 76.9796



16.6716, 16.8274, 17.1669



20.6137, 11.1131, 1.0586



1.8652, 1.0836, 0.1109

Inverse Universe

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



77.1575, 85.4137, 100.4162



80.7950, 90.3413, 107.7870



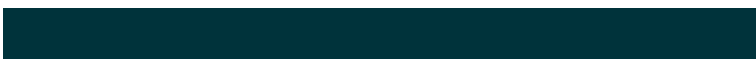
72.8197, 76.7380, 98.9703



16.8034, 18.3711, 21.2029



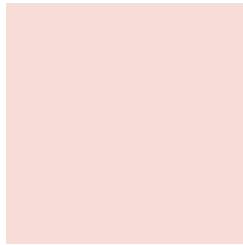
21.8175, 29.4288, 51.0685



1.9674, 2.6863, 4.5050

Previews

White Background



This preview shows how the XYZ color 76.3456, 75.9184, 75.5956 looks on a white background.

Color Contrast Check

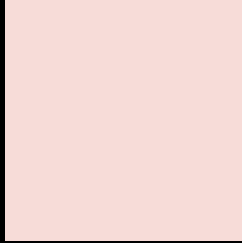
Large Text (above 18pt) WCAG AA × Fail

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 76.3456, 75.9184, 75.5956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

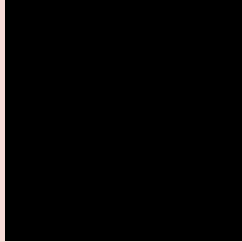
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

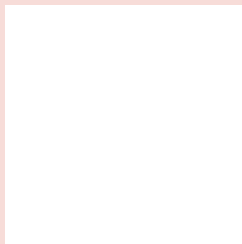
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3456, 75.9184, 75.5956

Background



This preview shows how black text looks on a background with the XYZ color 76.3456, 75.9184, 75.5956.



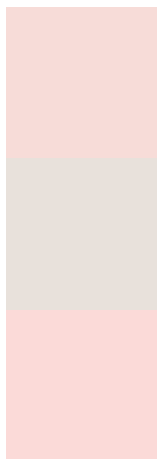
This preview shows how white text looks on a background with the XYZ color 76.3456, 75.9184,

75.5956.

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

76.3456, 75.9184, 75.5956

Protanopia

72.9901, 76.1207, 77.8636

Deuteranopia

77.2497, 75.6099, 75.4884



Tritanopia

78.7311, 75.7060, 88.3050

Trichromacy



Original Color

76.3456, 75.9184, 75.5956

Protanomaly

73.9676, 75.8418, 77.0701

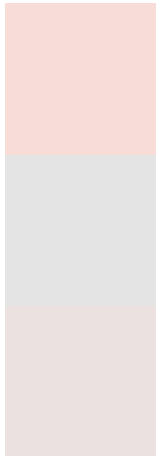
Deuteranomaly

77.1505, 75.9449, 75.5583

Tritanomaly

77.6479, 75.6453, 83.1816

Monochromacy



Original Color

76.3456, 75.9184, 75.5956

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6407, 76.8944, 81.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3456, 75.9184, 75.5956 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(247, 220, 216) looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 216)  
}
```

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(247, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 216) }
```

Border

The CSS property to change the border of an element to XYZ 76.3456, 75.9184, 75.5956 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(247, 220, 216) }
```


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

```
.border{ border-color:rgb(247, 220, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3456, 75.9184, 75.5956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 216) }
```

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

```
.background{ background-color: rgb(247,  
220, 216) }
```

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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