

Converting Colors

XYZ(76.4754, 75.9703, 76.2787)

Have a look what the booklet for
XYZ(76.4754, 75.9703, 76.2787)
contains.

XYZ(76.4754, 75.9703, 76.2787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.4754, 75.9703,
76.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCD9
RGB	247, 220, 217
RGB Percent	97%, 86%, 85%
CMY	0.0314, 0.1372, 0.1490
CMYK	0.00, 0.11, 0.12, 0.03
HSL	6°, 65%, 91%
HSV	6°, 12%, 97%
XYZ	76.4754, 75.9703, 76.2787
YIQ	227.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

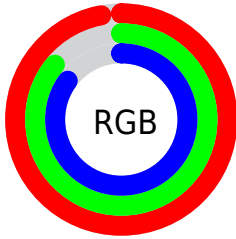
Format	Color
R _Y B	247, 220, 217
Decimal	16243929
CIE Lab	89.85, 8.82, 4.86
CIE LCh	90, 10.070, 28.886
Yxy	75.9703, 0.3344, 0.3321
Android (android.graphics.Color)	4294434009 (0xFF7DCD9)
YUV	227.7310, -5.2904, 16.8989
Hunter-Lab	87.1609, 4.0850, 9.1252

Details

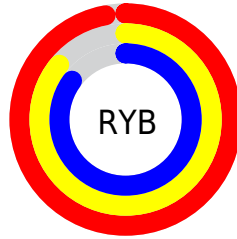
The XYZ color **76.4754, 75.9703, 76.2787** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7542, 86.1669, 100.5304**, and the grayscale version is **73.5767, 77.4084, 84.2978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2119, 40.4661, 39.8210** is the 20% darker color. If you saturate the color by 10%, you get **68.0497, 63.8808, 58.7881**, and if you desaturate by 10%, it is **86.1618, 89.8100, 96.5635**.

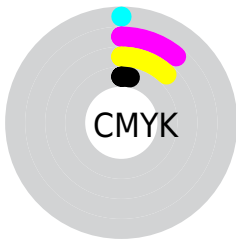
Distribution



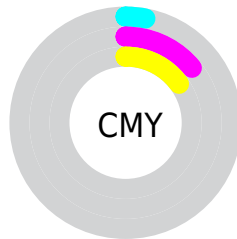
- Red (97%)
- Green (86%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (3%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4754, 75.9703, 76.2787 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 76.4754, 75.9703, 76.2787 by changing the saturation by 10% instead.


 76.4754, 75.9703,
76.2787

 76.4754, 75.9703,
76.2787


471.8929,
481.2460, 501.6734

 57.1208, 56.4082,
56.1530


127.3755,
127.6849, 129.8845

 41.3428, 40.5303,
39.9208


159.6517,
160.6062, 164.2017

 28.7759, 27.9522,
27.1635

196.9658,
198.7493, 204.0865

 19.0548, 18.2896,
17.4625

239.6833,
242.4986, 249.9574

 11.8141, 11.1581,
10.3994

288.1693,
292.2385, 302.2331

 6.6885, 6.1733,
5.5555

342.7894,

 3.3127, 2.9507,

348.3535, 361.3319

2.5124

403.9088,
411.2279, 427.6725

■ 1.3212, 1.1061,
0.8467

■ 0.1990, 0.0000,
0.0000

■ 76.4754, 75.9703,
76.2787

■ 76.4754, 75.9703,
76.2787

■ 68.0497, 63.8808,
58.7881

■ 86.1618, 89.8100,
96.5635

■ 60.8267, 53.4622,
43.9647

■ 92.1682, 98.5144,
108.7651

■ 54.7533, 44.6439,
31.6787

■ 49.7698, 37.3465,
21.7877

■ 45.8113, 31.4838,
14.1351

■ 42.8058, 26.9608,
8.5457

■ 40.6719, 23.6713,
4.8182

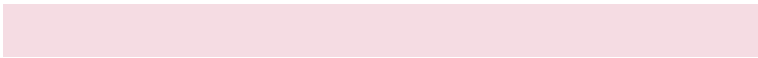
■ 39.3140, 21.4924,
2.7106

■ 38.7002, 20.4584,
1.9091

Harmonies

Analogous

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



77.0942, 75.9703, 82.9853



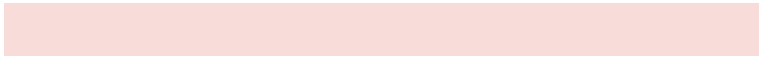
76.4754, 75.9703, 76.2787



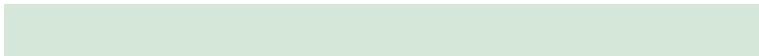
74.7065, 75.9703, 71.5404

Triad

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



76.4754, 75.9703, 76.2787



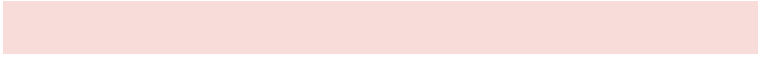
68.1909, 75.9703, 75.8426



72.1145, 75.9703, 97.1788

Complementary

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



76.4754, 75.9703, 76.2787



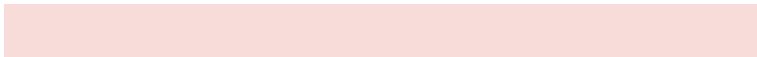
77.7542, 86.1669, 100.5304

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.



69.7648, 75.9703, 95.0048



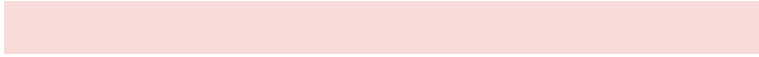
76.4754, 75.9703, 76.2787



67.5318, 75.9703, 82.4527

Square

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



76.4754, 75.9703, 76.2787



69.9223, 75.9703, 71.2989



68.1014, 75.9703, 89.5114



74.5419, 75.9703, 95.2971

Rectangle

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



76.4754, 75.9703, 76.2787



73.1331, 75.9703, 69.9965



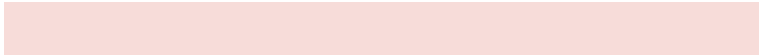
68.1014, 75.9703, 89.5114



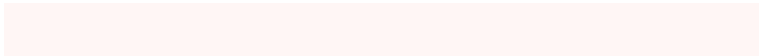
71.2897, 75.9703, 96.8960

Sweetspot

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



76.4775, 75.9737, 76.2803



90.5924, 93.6433, 99.5264



79.5008, 75.9326, 96.0552



19.2164, 19.7951, 20.9374



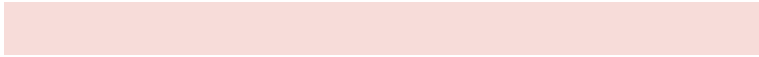
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.4775, 75.9737, 76.2803



79.4777, 77.7484, 76.2933



80.5915, 84.2016, 77.6516



16.6326, 16.7494, 17.1539



20.5130, 10.9116, 1.0250



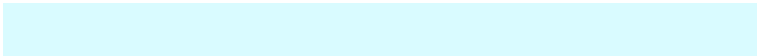
1.8467, 1.0466, 0.1047

Inverse Universe

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



77.7542, 86.1669, 100.5304



81.1412, 91.0338, 107.9024



73.4241, 77.5068, 99.0871



16.8466, 18.4575, 21.2173



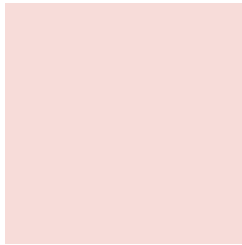
22.7909, 31.3756, 51.3929



2.0433, 2.8380, 4.5303

Previews

White Background



This preview shows how the XYZ color 76.4754, 75.9703, 76.2787 looks on a white background.

Color Contrast Check

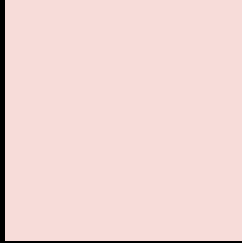
Large Text (above 18pt) WCAG AA × Fail

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 76.4754, 75.9703, 76.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

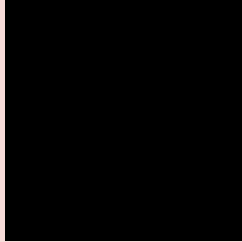
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

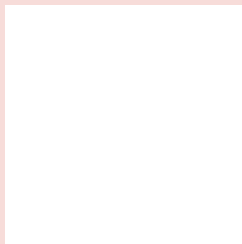
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4754, 75.9703, 76.2787

Background



This preview shows how black text looks on a background with the XYZ color 76.4754, 75.9703, 76.2787.

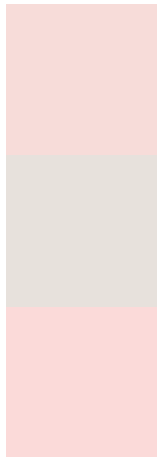


This preview shows how white text looks on a background with the XYZ color 76.4754, 75.9703,

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

76.4754, 75.9703, 76.2787

Protanopia

72.7985, 76.0067, 78.5440

Deuteranopia

77.3794, 75.6618, 76.1715



Tritanopia

78.7311, 75.7060, 88.3050

Trichromacy



Original Color

76.4754, 75.9703, 76.2787

Protanomaly

74.0989, 75.8944, 77.7615

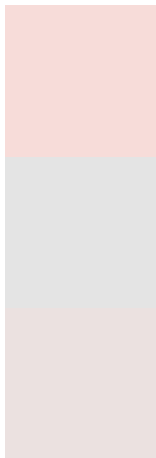
Deuteranomaly

77.2802, 75.9968, 76.2414

Tritanomaly

77.7864, 75.7007, 83.9107

Monochromacy



Original Color

76.4754, 75.9703, 76.2787

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 76.4754, 75.9703, 76.2787 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 217) }
```

Border

The CSS property to change the border of an element to XYZ 76.4754, 75.9703, 76.2787 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, 217) }
```


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

```
.border{ border-color:rgb(247, 220, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4754, 75.9703, 76.2787 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, 217) }
```

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

```
.background{ background-color: rgb(247,  
220, 217) }
```

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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