

Converting Colors

XYZ(76.7011, 75.2666, 78.1955)

Have a look what the booklet for
XYZ(76.7011, 75.2666, 78.1955)
contains.

XYZ(76.7011, 75.2666, 78.1955)	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(76.7011, 75.2666,
78.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DADC
RGB	248, 218, 220
RGB Percent	97%, 85%, 86%
CMY	0.0274, 0.1451, 0.1372
CMYK	0.00, 0.12, 0.11, 0.03
HSL	356°, 68%, 91%
HSV	356°, 12%, 97%
XYZ	76.7011, 75.2666, 78.1955
YIQ	227.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

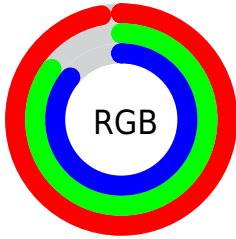
Format	Color
R _Y B	248, 218, 220
Decimal	16308956
CIE Lab	89.52, 10.69, 2.82
CIE LCh	90, 11.054, 14.800
Yxy	75.2666, 0.3332, 0.3270
Android (android.graphics.Color)	4294499036 (0xFFF8DADC)
YUV	227.1980, -3.5486, 18.2434
Hunter-Lab	86.7563, 5.9879, 7.2900

Details

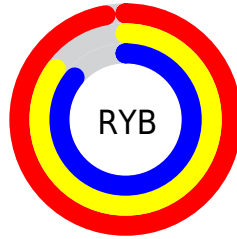
The XYZ color **76.7011, 75.2666, 78.1955** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1183, 88.6960, 100.1432**, and the grayscale version is **73.1757, 76.9866, 83.8384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3746, 39.9874, 41.1350** is the 20% darker color. If you saturate the color by 10%, you get **67.8883, 62.2121, 61.1642**, and if you desaturate by 10%, it is **86.9049, 90.4220, 97.7870**.

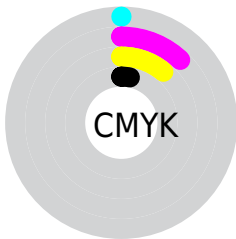
Distribution



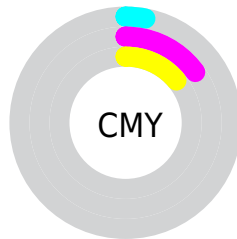
- Red (97%)
- Green (85%)
- Blue (86%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7011, 75.2666, 78.1955 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 76.7011, 75.2666, 78.1955 by changing the saturation by 10% instead.


 76.7011, 75.2666,
78.1955

 76.7011, 75.2666,
78.1955


472.6519,
478.8334, 508.3760

 57.3067, 55.8313,
57.7172

127.6926,
126.6897, 132.6141

 41.4926, 40.0677,
41.1681


160.0203,
159.4463, 167.3914

 28.8936, 27.5913,
28.1298


197.3898,
197.4121, 207.7721

 19.1442, 18.0178,
18.1836

240.1665,
240.9715, 254.1748

 11.8791, 10.9628,
10.9111

288.7157,
290.5090, 307.0180

 6.7330, 6.0418,
5.8937

343.4027,

 3.3406, 2.8705,

346.4089, 366.7203

2.7128

404.5930,
409.0555, 433.7001

■ 1.3363, 1.0645,
0.9499

■ 0.2101, 0.0000,
0.0000

■ 76.7011, 75.2666,
78.1955

■ 76.7011, 75.2666,
78.1955

■ 67.8883, 62.2121,
61.1642

■ 86.9049, 90.4220,
97.7870

■ 60.4003, 51.1563,
46.5826

■ 92.5218, 98.6967,
108.7817

■ 54.1749, 42.0037,
34.3396

■ 49.1424, 34.6468,
24.3134

■ 45.2264, 28.9676,
16.3713

■ 42.3415, 24.8338,
10.3662

■ 40.3901, 22.0933,
6.1321

■ 39.2554, 20.5633,
3.4748

■ 38.8091, 19.9956,
2.3241

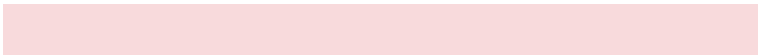
Harmonies

Analogous

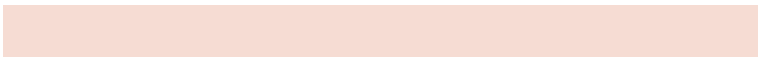
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6912, 75.2666, 85.9320



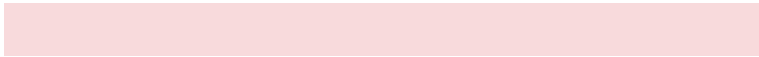
76.7011, 75.2666, 78.1955



75.3040, 75.2666, 71.8706

Triad

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



76.7011, 75.2666, 78.1955



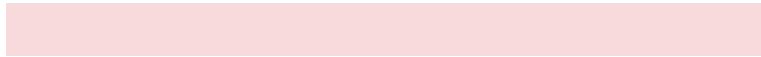
67.9258, 75.2666, 71.8031



70.1797, 75.2666, 97.2302

Complementary

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



76.7011, 75.2666, 78.1955



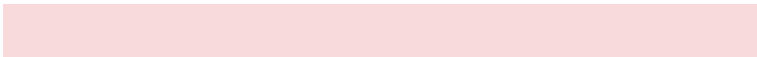
79.1183, 88.6960, 100.1432

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.



67.9009, 75.2666, 92.9358



76.7011, 75.2666, 78.1955



66.6222, 75.2666, 78.0979

Square

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



76.7011, 75.2666, 78.1955



70.2145, 75.2666, 68.3415



66.6132, 75.2666, 85.8280



72.8794, 75.2666, 97.2604

Rectangle

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



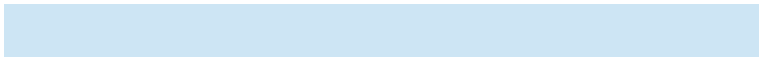
76.7011, 75.2666, 78.1955



73.7826, 75.2666, 69.1653



66.6132, 75.2666, 85.8280



69.3406, 75.2666, 96.2260

Sweetspot

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



76.7032, 75.2699, 78.1971



90.3865, 93.0657, 99.9694



80.0229, 76.5164, 99.3593



19.1646, 19.6497, 21.0489



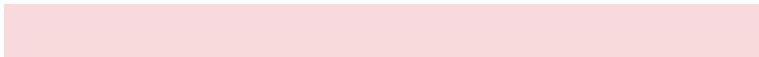
0.0000, 0.0000, 0.0000



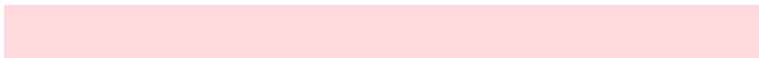
20.3446, 21.4041, 23.3091

Same Dimension

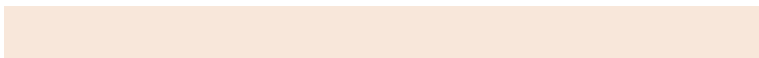
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7032, 75.2699, 78.1971



78.8135, 75.8869, 77.7152



79.9444, 82.1729, 77.9812



17.2914, 17.2439, 18.1245



20.9817, 10.8084, 1.3463



1.9591, 1.0074, 0.2081

Inverse Universe

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



76.7032, 75.2699, 78.1971



78.8135, 75.8869, 77.7152



75.5679, 81.1022, 100.4792



17.2914, 17.2439, 18.1245



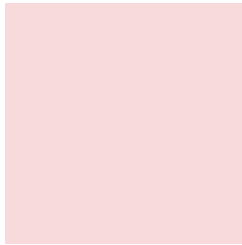
20.9817, 10.8084, 1.3463



1.9591, 1.0074, 0.2081

Previews

White Background



This preview shows how the XYZ color 76.7011, 75.2666, 78.1955 looks on a white background.

Color Contrast Check

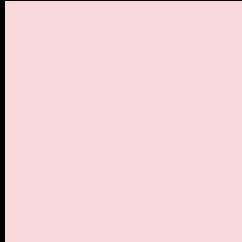
Large Text (above 18pt) WCAG AA × Fail

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 76.7011, 75.2666, 78.1955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

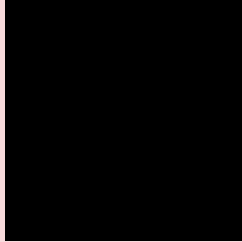
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7011, 75.2666, 78.1955

Background



This preview shows how black text looks on a background with the XYZ color 76.7011, 75.2666, 78.1955.



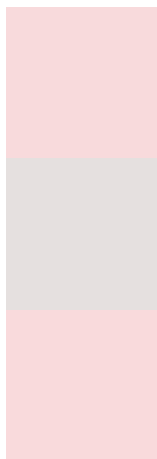
This preview shows how white text looks on a background with the XYZ color 76.7011, 75.2666,

78.1955.

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

76.7011, 75.2666, 78.1955

Protanopia

72.2880, 75.2970, 80.5358

Deuteranopia

77.0566, 75.4499, 78.2121



Tritanopia

78.6882, 75.3189, 87.4815

Trichromacy



Original Color

76.7011, 75.2666, 78.1955

Protanomaly

73.8982, 75.3493, 79.7563

Deuteranomaly

77.0566, 75.4499, 78.2121

Tritanomaly

77.8834, 75.3669, 83.8412

Monochromacy



Original Color

76.7011, 75.2666, 78.1955

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.3712, 76.3553, 81.3393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7011, 75.2666, 78.1955 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(248, 218, 220) looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 220)  
}
```

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(248, 218, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 220) }
```

Border

The CSS property to change the border of an element to XYZ 76.7011, 75.2666, 78.1955 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(248, 218, 220) }
```


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

```
.border{ border-color:rgb(248, 218, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 218, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 218, 220);  
box-shadow:4px 4px 4px 4px rgb(248, 218,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7011, 75.2666, 78.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 220) }
```

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

```
.background{ background-color: rgb(248,  
218, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor