

Converting Colors

XYZ(76.6059, 75.2771, 77.5000)

Have a look what the booklet for
XYZ(76.6059, 75.2771, 77.5000)
contains.

XYZ(76.5690, 75.2137, 77.4999)	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(76.5690, 75.2137,
77.4999)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DADB
RGB	248, 218, 219
RGB Percent	97%, 85%, 86%
CMY	0.0274, 0.1451, 0.1412
CMYK	0.00, 0.12, 0.12, 0.03
HSL	358°, 68%, 91%
HSV	358°, 12%, 97%
XYZ	76.5690, 75.2137, 77.4999
YIQ	227.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

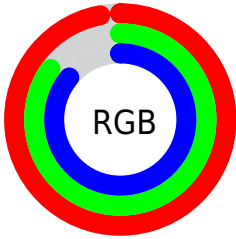
Format	Color
R _Y B	248, 218, 219
Decimal	16308955
CIE Lab	89.49, 10.53, 3.31
CIE LCh	89, 11.036, 17.474
Yxy	75.2137, 0.3340, 0.3280
Android (android.graphics.Color)	4294499035 (0xFFF8DADB)
YUV	227.0840, -3.9854, 18.3433
Hunter-Lab	86.7258, 5.8249, 7.7254

Details

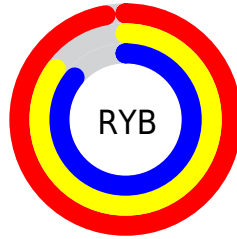
The XYZ color **76.5690, 75.2137, 77.4999** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2723, 88.7576, 100.9539**, and the grayscale version is **73.0956, 76.9023, 83.7466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2839, 39.9511, 40.6574** is the 20% darker color. If you saturate the color by 10%, you get **67.6804, 62.1289, 60.0693**, and if you desaturate by 10%, it is **86.8787, 90.4115, 97.6491**.

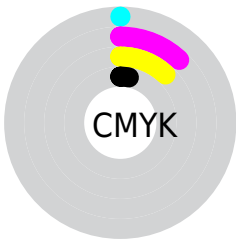
Distribution



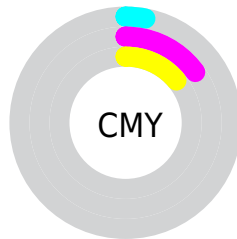
- Red (97%)
- Green (85%)
- Blue (86%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5690, 75.2137, 77.4999 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 76.5690, 75.2137, 77.4999 by changing the saturation by 10% instead.

76.5690, 75.2137,
77.4999

76.5690, 75.2137,
77.4999

472.2078,
478.6518, 505.9496

57.1979, 55.7880,
57.1492

127.5070,
126.6148, 131.6243

41.4049, 40.0330,
40.7149

159.8046,
159.3590, 166.2352

28.8247, 27.5642,
27.7784

197.1417,
197.3115, 206.4366

19.0918, 17.9974,
17.9211

239.8837,
240.8566, 252.6470

11.8411, 10.9481,
10.7245

288.3959,
290.3788, 305.2849

6.7070, 6.0320,
5.7701

343.0438,

3.3242, 2.8645,

346.2625, 364.7690

2.6393

404.1926,
408.8920, 431.5177

■ 1.3274, 1.0614,
0.9126

■ 0.2036, 0.0000,
0.0000

■ 76.5690, 75.2137,
77.4999

■ 76.5690, 75.2137,
77.4999

■ 67.6804, 62.1289,
60.0693

■ 86.8787, 90.4115,
97.6491

■ 60.1447, 51.0540,
45.2364

■ 92.5218, 98.6967,
108.7817

■ 53.8974, 41.8927,
32.8784

■ 48.8665, 34.5365,
22.8604

■ 44.9727, 28.8661,
15.0352

■ 42.1274, 24.7481,
9.2383

■ 40.2288, 22.0288,
5.2826

■ 39.1550, 20.5231,
2.9459

■ 38.7569, 19.9747,
2.0492

Harmonies

Analogous

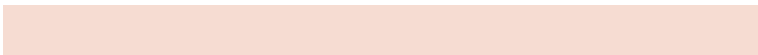
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6908, 75.2137, 85.1707



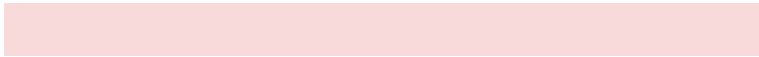
76.5690, 75.2137, 77.4999



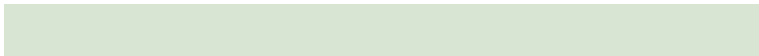
75.0646, 75.2137, 71.3930

Triad

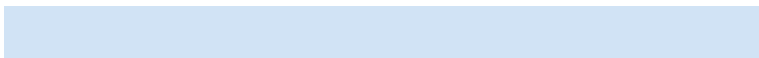
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5690, 75.2137, 77.4999



67.7206, 75.2137, 72.2267



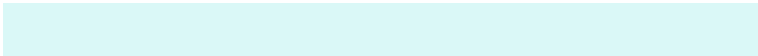
70.3654, 75.2137, 97.3258

Complementary

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



76.5690, 75.2137, 77.4999



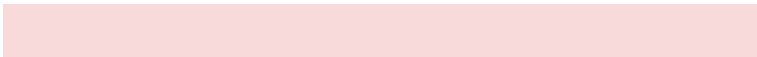
79.2723, 88.7576, 100.9539

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.



68.0276, 75.2137, 93.3793



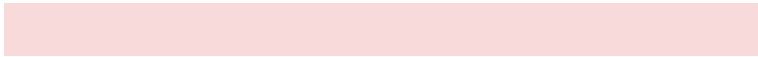
76.5690, 75.2137, 77.4999



66.5267, 75.2137, 78.7043

Square

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



76.5690, 75.2137, 77.4999



69.9368, 75.2137, 68.4831



66.6376, 75.2137, 86.4531



73.0627, 75.2137, 96.9526

Rectangle

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



76.5690, 75.2137, 77.4999



73.5010, 75.2137, 68.8828



66.6376, 75.2137, 86.4531



69.5128, 75.2137, 96.4505

Sweetspot

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



76.5711, 75.2170, 77.5015



90.3345, 93.0449, 99.6955



80.3746, 76.6976, 99.3758



19.1515, 19.6444, 20.9799



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

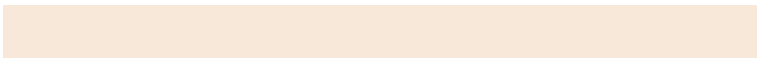
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5711, 75.2170, 77.5015



78.6459, 75.8199, 76.8328



80.2251, 82.7342, 78.0746



17.2680, 17.2345, 18.0009



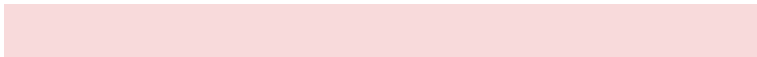
20.9462, 10.7942, 1.1594



1.9479, 1.0029, 0.1493

Inverse Universe

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



76.5711, 75.2170, 77.5015



78.6459, 75.8199, 76.8328



75.2824, 80.5312, 100.3841



17.2680, 17.2345, 18.0009



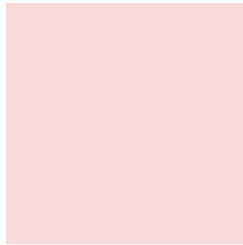
20.9462, 10.7942, 1.1594



1.9479, 1.0029, 0.1493

Previews

White Background



This preview shows how the XYZ color 76.5690, 75.2137, 77.4999 looks on a white background.

Color Contrast Check

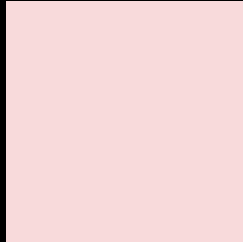
Large Text (above 18pt) WCAG AA × Fail

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 76.5690, 75.2137, 77.4999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

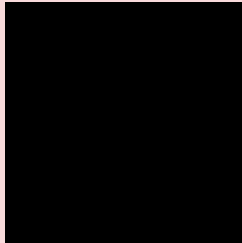
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5690, 75.2137, 77.4999

Background



This preview shows how black text looks on a background with the XYZ color 76.5690, 75.2137, 77.4999.



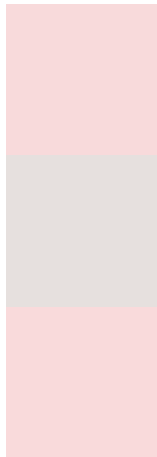
This preview shows how white text looks on a background with the XYZ color 76.5690, 75.2137,

77.4999.

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

76.5690, 75.2137, 77.4999

Protanopia

72.4736, 75.4082, 79.8427

Deuteranopia

76.9245, 75.3970, 77.5166



Tritanopia

78.6882, 75.3189, 87.4815

Trichromacy



Original Color

76.5690, 75.2137, 77.4999

Protanomaly

74.0975, 75.4675, 79.0679

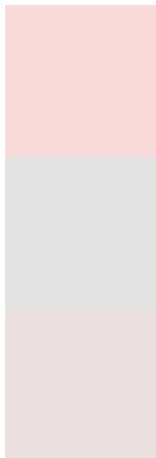
Deuteranomaly

76.9245, 75.3970, 77.5166

Tritanomaly

77.8834, 75.3669, 83.8412

Monochromacy



Original Color

76.5690, 75.2137, 77.4999

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 76.5690, 75.2137, 77.4999 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 219) }
```

Border

The CSS property to change the border of an element to XYZ 76.5690, 75.2137, 77.4999 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, 219) }
```


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

```
.border{ border-color:rgb(248, 218, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(248, 218,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5690, 75.2137, 77.4999 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, 219) }
```

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

```
.background{ background-color: rgb(248,  
218, 219) }
```

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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