

Converting Colors

XYZ(76.1655, 75.1647, 72.3718)

Have a look what the booklet for
XYZ(76.1655, 75.1647, 72.3718)
contains.

| | |
|--|----|
| XYZ(76.2536, 75.1699, 72.1183) | 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(76.2536, 75.1699,
72.1183)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | FADAD3 |
| RGB | 250, 218, 211 |
| RGB Percent | 98%, 85%, 83% |
| CMY | 0.0196, 0.1451, 0.1725 |
| CMYK | 0.00, 0.13, 0.16, 0.02 |
| HSL | 11°, 80%, 90% |
| HSV | 11°, 16%, 98% |
| XYZ | 76.2536, 75.1699, 72.1183 |
| YIQ | 226.7700, 21.3190, 4.6070 |

Conversions

Conversions Part 2

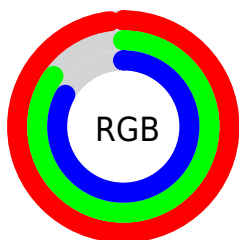
| Format | Color |
|-------------------------------------|---|
| RYB | 250, 220, 211 |
| Decimal | 16440019 |
| CIELab | 89.47, 9.98, 7.51 |
| CIELCh | 89, 12.487, 36.980 |
| Yxy | 75.1699, 0.3411, 0.3363 |
| Android (android.graphics.Color) | 4294630099 (0xFFFAADAD3) |
| YUV | 226.7700, -7.7746, 20.3727 |
| Hunter-Lab | 86.7006, 5.2657, 11.3725 |

Details

The XYZ color 76.2536, 75.1699, 72.1183 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 76.1694, 84.8504, 102.8064, and the grayscale version is 72.8921, 76.6882, 83.5134.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 41.1753, 39.9662, 37.4424 is the 20% darker color. If you saturate the color by 10%, you get 68.3668, 64.0275, 55.2105, and if you desaturate by 10%, it is 85.2902, 87.8303, 91.8159.

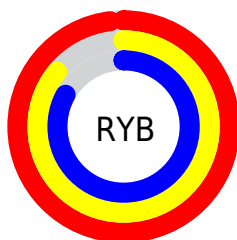
Distribution



Red (98%)

Green (85%)

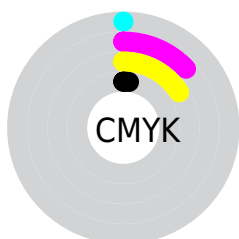
Blue (83%)



Red (98%)

Yellow (86%)

Blue (83%)

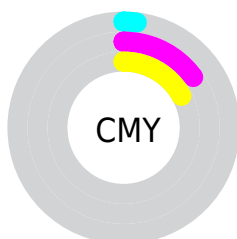


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2536, 75.1699, 72.1183 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 76.2536, 75.1699, 72.1183 by changing the saturation by 10% instead.


 76.2536, 75.1699,
72.1183

 76.2536, 75.1699,
72.1183


471.1464,
478.5013, 486.9419

 56.9383, 55.7521,
52.7679


127.0638,
126.5528, 123.9340

 41.1956, 40.0042,
37.2311


159.2893,
159.2867, 157.2364

 28.6603, 27.5418,
25.0893


196.5490,
197.2281, 196.0265

 18.9670, 17.9806,
15.9239

239.2081,
240.7614, 240.7228

 11.7503, 10.9360,
9.3166

287.6321,
290.2710, 291.7440

 6.6449, 6.0238,
4.8486


342.1862,


 3.2854, 2.8596,


346.1412, 349.5086


2.1015


403.2359,
408.7566, 414.4350


 1.3064, 1.0589,
0.6167


 0.1880, 0.0000,
0.0000


 76.2536, 75.1699,
72.1183


 76.2536, 75.1699,
72.1183


 68.3668, 64.0275,
55.2105

 85.2902, 87.8303,
91.8159

 61.5771, 54.3361,
40.9613

 93.2346, 99.0641,
108.8150

 55.8371, 46.0387,
29.2365

 51.0933, 39.0705,
19.8878

■ 47.2872, 33.3617,
12.7515

■ 44.3543, 28.8357,
7.6432

■ 42.2211, 25.4075,
4.3480

■ 40.8008, 22.9797,
2.6017

■ 40.3592, 22.1933,
2.1566

Harmonies

Analogous

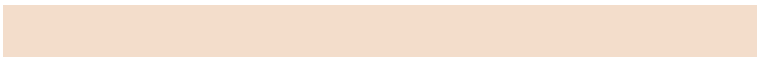
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4510, 75.1699, 79.8154



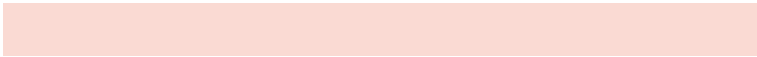
76.2536, 75.1699, 72.1183



73.7737, 75.1699, 67.2896

Triad

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



76.2536, 75.1699, 72.1183



66.1642, 75.1699, 75.4294



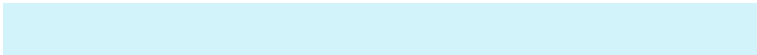
72.1645, 75.1699, 99.7492

Complementary

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



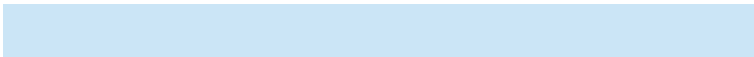
76.2536, 75.1699, 72.1183



76.1694, 84.8504, 102.8064

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.



69.1692, 75.1699, 98.3663



76.2536, 75.1699, 72.1183



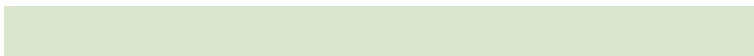
65.7611, 75.1699, 83.9133

Square

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



76.2536, 75.1699, 72.1183



67.9636, 75.1699, 69.1037



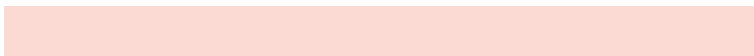
66.8462, 75.1699, 92.4140



75.0469, 75.1699, 96.0684

Rectangle

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



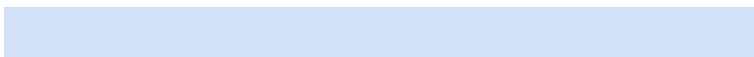
76.2536, 75.1699, 72.1183



71.7574, 75.1699, 66.1384



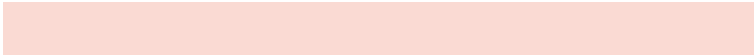
66.8462, 75.1699, 92.4140



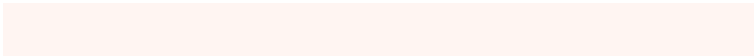
71.1370, 75.1699, 99.8651

Sweetspot

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



76.2557, 75.1733, 72.1199



89.8180, 92.7126, 97.3628



78.9728, 73.4149, 95.1994



19.0727, 19.6322, 20.5058



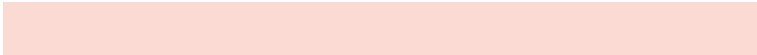
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

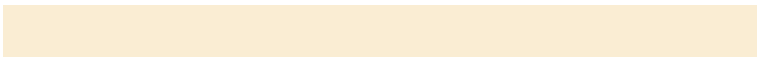
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2557, 75.1733, 72.1199



76.8121, 74.4722, 69.0696



81.4672, 85.5964, 73.8571



17.4967, 17.7292, 17.9623



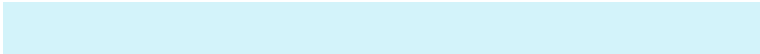
21.4808, 11.9183, 1.1683



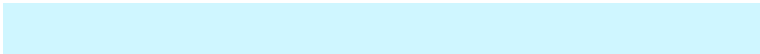
2.0564, 1.2376, 0.1305

Inverse Universe

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



76.1694, 84.8504, 102.8064



76.7032, 86.5138, 107.2639



70.7759, 74.0634, 101.0085



17.4851, 19.0471, 22.1402



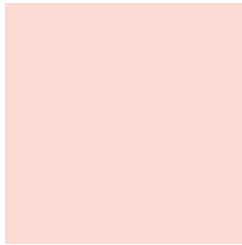
20.8424, 27.0404, 52.0944



1.9972, 2.6381, 4.8471

Previews

White Background



This preview shows how the XYZ color 76.2536, 75.1699, 72.1183 looks on a white background.

Color Contrast Check

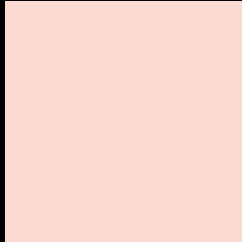
Large Text (above 18pt) WCAG AA × Fail

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 76.2536, 75.1699, 72.1183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

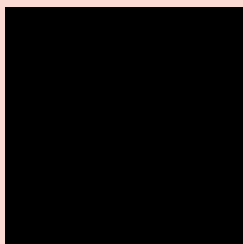
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

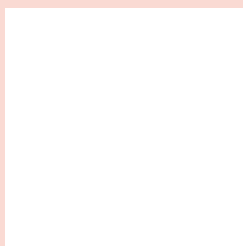
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2536, 75.1699, 72.1183

Background



This preview shows how black text looks on a background with the XYZ color 76.2536, 75.1699, 72.1183.

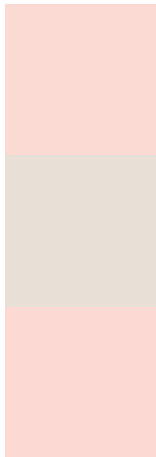


This preview shows how white text looks on a background with the XYZ color 76.2536, 75.1699,

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

76.2536, 75.1699, 72.1183

Protanopia

72.0720, 75.3222, 74.3584

Deuteranopia

76.7156, 75.0243, 72.0658



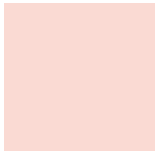
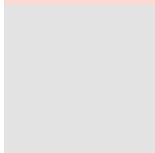
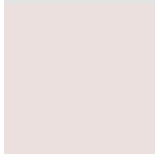
Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy

| | |
|---|--|
|  | Original Color 76.2536, 75.1699, 72.1183 |
|  | Protanomaly 73.7281, 75.3974, 73.6180 |
|  | Deuteranomaly 76.3544, 74.8381, 72.0489 |
|  | Tritanomaly 78.1553, 75.1890, 80.9147 |

Monochromacy

| | |
|---|--|
|  | Original Color 76.2536, 75.1699, 72.1183 |
|  | Achromatopsia 73.0128, 76.8151, 83.6517 |
|  | Achromatomaly 73.9677, 76.1939, 79.2150 |

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2536, 75.1699, 72.1183 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(250, 218, 211) looks like.

```
.text, #text, p{  
    color:rgb(250, 218, 211)  
}
```

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(250, 218, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 218, 211) }
```

Border

The CSS property to change the border of an element to XYZ 76.2536, 75.1699, 72.1183 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(250, 218, 211) }
```


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

```
.border{ border-color:rgb(250, 218, 211) }
```

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

Here you see how a box with a 4 pixel rgb(250, 218, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 218, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 218, 211);  
box-shadow:4px 4px 4px 4px rgb(250, 218,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2536, 75.1699, 72.1183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 218, 211) }
```

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

```
.background{ background-color: rgb(250,  
218, 211) }
```

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