

Converting Colors

XYZ(76.0716, 76.8096, 57.0505)

Have a look what the booklet for
XYZ(76.0716, 76.8096, 57.0505)
contains.

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Color

**XYZ(76.2242, 77.0477,
57.3086)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEBA
RGB	255, 222, 186
RGB Percent	100%, 87%, 73%
CMY	0.0000, 0.1294, 0.2706
CMYK	0.00, 0.13, 0.27, 0.00
HSL	31°, 100%, 86%
HSV	31°, 27%, 100%
XYZ	76.2242, 77.0477, 57.3086
YIQ	227.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

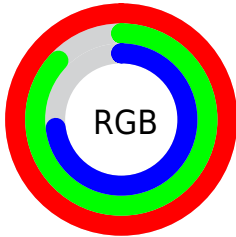
Format	Color
R _Y B	249, 255, 186
Decimal	16768698
CIE Lab	90.34, 6.16, 21.87
CIE LCh	90, 22.723, 74.269
Yxy	77.0477, 0.3620, 0.3659
Android (android.graphics.Color)	4294958778 (0xFFFFDEBA)
YUV	227.7630, -20.5892, 23.8868
Hunter-Lab	87.7768, 1.3975, 22.7339

Details

The XYZ color **76.2242, 77.0477, 57.3086** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.6305, 68.3200, 104.4411**, and the grayscale version is **73.7009, 77.5391, 84.4401**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **41.0783, 41.2012, 27.9779** is the 20% darker color. If you saturate the color by 10%, you get **70.6295, 69.8164, 43.2417**, and if you desaturate by 10%, it is **82.5407, 84.9479, 74.0046**.

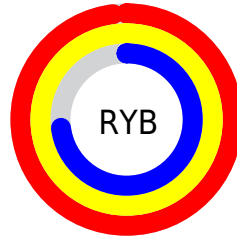
Distribution



Red (100%)

Green (87%)

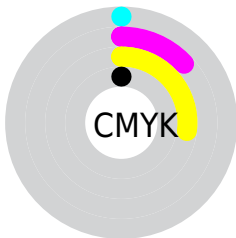
Blue (73%)



Red (98%)

Yellow (100%)

Blue (73%)

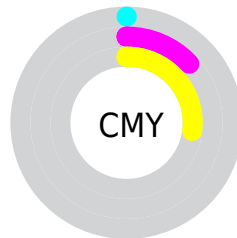


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2242, 77.0477, 57.3086 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 76.2242, 77.0477, 57.3086 by changing the saturation by 10% instead.


 76.2242, 77.0477,
57.3086

 76.2242, 77.0477,
57.3086


471.0474,
484.9266, 432.1308

 56.9141, 57.2920,
40.8420

 127.0224,
129.2068, 102.4201

 41.1761, 41.2397,
27.8769


159.2413,
162.3790, 131.9022

 28.6450, 28.5065,
17.9947


196.4937,
200.7922, 166.5598

 18.9554, 18.7078,
10.7768

239.1451,
244.8308, 206.8116

 11.7418, 11.4593,
5.8046

287.5608,
294.8791, 253.0761

 6.6391, 6.3767,
2.6598

342.1062,

 3.2817, 3.0754,

351.3216, 305.7717

0.9231

403.1466,
414.5427, 365.3171

■ 1.3044, 1.1713,
0.0000

■ 0.1865, 0.0380,
0.0000

■ 76.2242, 77.0477,
57.3086

■ 76.2242, 77.0477,
57.3086

■ 70.6295, 69.8164,
43.2417

■ 82.5407, 84.9479,
74.0046

■ 65.7204, 63.2235,
31.6619

■ 89.6019, 93.5258,
93.4519

■ 61.4655, 57.2511,
22.4210

95.0500, 100.0000,
108.9000

■ 57.8284, 51.8762,
15.3531

■ 54.7681, 47.0737,
10.2698

■ 52.2374, 42.8155,
6.9500

■ 50.1772, 39.0686,
5.1118

■ 49.6362, 38.0525,
4.7287

Harmonies

Analogous

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



81.3103, 77.0477, 63.9493



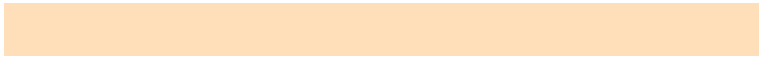
76.2242, 77.0477, 57.3086



70.5800, 77.0477, 57.1489

Triad

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



76.2242, 77.0477, 57.3086



63.1757, 77.0477, 91.8165



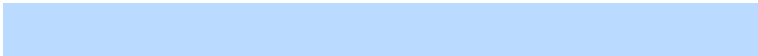
81.0996, 77.0477, 108.2673

Complementary

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



76.2242, 77.0477, 57.3086



63.6305, 68.3200, 104.4411

Split Complementary

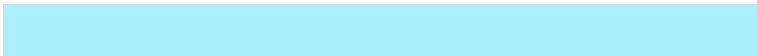
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9487, 77.0477, 117.8961



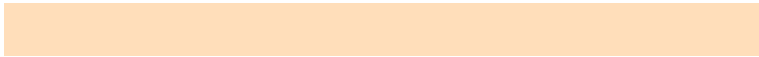
76.2242, 77.0477, 57.3086



65.7064, 77.0477, 107.6012

Square

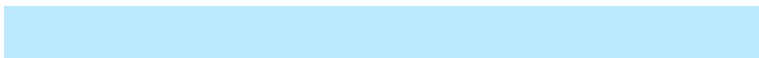
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2242, 77.0477, 57.3086



63.2409, 77.0477, 75.7162



70.3182, 77.0477, 117.6377



84.2226, 77.0477, 92.6358

Rectangle

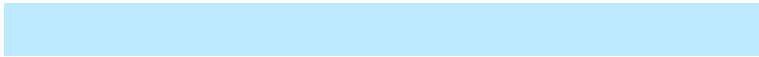
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2242, 77.0477, 57.3086



67.2688, 77.0477, 60.6656



70.3182, 77.0477, 117.6377



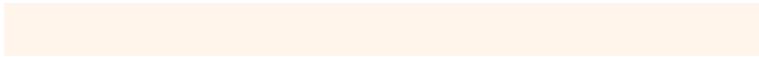
79.5366, 77.0477, 112.3979

Sweetspot

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



76.2261, 77.0511, 57.3102



88.9043, 92.6883, 91.4995



71.6317, 61.5115, 75.3578



18.7937, 19.5555, 18.9284



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.



76.2261, 77.0511, 57.3102



73.3724, 73.3943, 50.0378



85.4413, 96.1078, 60.5028



18.7937, 19.5555, 18.9284



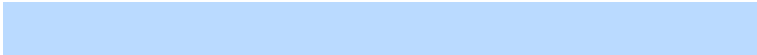
26.0866, 20.1844, 2.5211



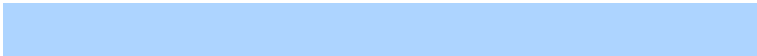
2.6494, 2.1842, 0.2819

Inverse Universe

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



63.6305, 68.3200, 104.4411



59.0207, 63.4470, 103.7435



56.1400, 52.9225, 101.8639



17.7196, 18.8108, 22.9469



13.2114, 11.3323, 50.9256



1.3949, 1.3206, 4.9946

Previews

White Background



This preview shows how the XYZ color 76.2242, 77.0477, 57.3086 looks on a white background.

Color Contrast Check

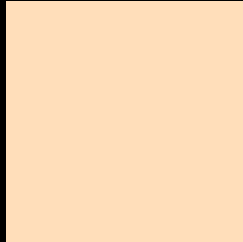
Large Text (above 18pt) WCAG AA × Fail

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 76.2242, 77.0477, 57.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

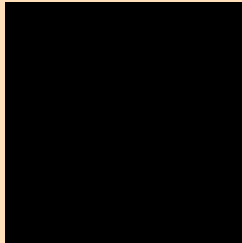
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2242, 77.0477, 57.3086

Background



This preview shows how black text looks on a background with the XYZ color 76.2242, 77.0477, 57.3086.



This preview shows how white text looks on a background with the XYZ color 76.2242, 77.0477,

57.3086.

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

76.2242, 77.0477, 57.3086

Protanopia

72.4814, 77.0943, 58.6375

Deuteranopia

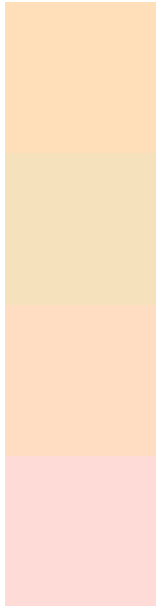
77.2895, 77.0501, 64.2246



Tritanopia

80.7352, 77.1723, 86.2418

Trichromacy



Original Color

76.2242, 77.0477, 57.3086

Protanomaly

73.5510, 76.8508, 57.9708

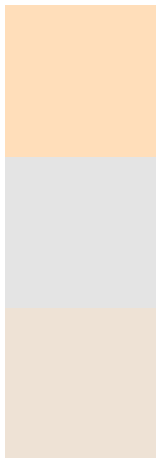
Deuteranomaly

76.8341, 76.8679, 61.8263

Tritanomaly

78.8373, 76.8293, 74.9644

Monochromacy



Original Color

76.2242, 77.0477, 57.3086

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4665, 77.3740, 73.9607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2242, 77.0477, 57.3086 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(255, 222, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 186)  
}
```

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(255, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 186) }
```

Border

The CSS property to change the border of an element to XYZ 76.2242, 77.0477, 57.3086 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(255, 222, 186) }
```


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

```
.border{ border-color:rgb(255, 222, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2242, 77.0477, 57.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 186) }
```

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

```
.background{ background-color: rgb(255,  
222, 186) }
```

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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