

Converting Colors

XYZ(77.4706, 76.2827, 67.7676)

Have a look what the booklet for
XYZ(77.4706, 76.2827, 67.7676)
contains.

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Color

**XYZ(77.4706, 76.2827,
67.7676)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFDBCC |
| RGB | 255, 219, 204 |
| RGB Percent | 100%, 86%, 80% |
| CMY | 0.0000, 0.1412, 0.2000 |
| CMYK | 0.00, 0.14, 0.20, 0.00 |
| HSL | 18°, 100%, 90% |
| HSV | 18°, 20%, 100% |
| XYZ | 77.4706, 76.2827, 67.7676 |
| YIQ | 228.0540, 26.2710, 2.9670 |

Conversions

Conversions Part 2

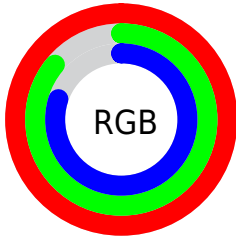
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 225, 204 |
| Decimal | 16767948 |
| CIE Lab | 89.99, 10.20, 11.98 |
| CIE LCh | 90, 15.737, 49.592 |
| Yxy | 76.2827, 0.3497, 0.3444 |
| Android (android.graphics.Color) | 4294958028 (0xFFFFDBCC) |
| YUV | 228.0540, -11.8586, 23.6316 |
| Hunter-Lab | 87.3400, 5.4847, 15.1345 |

Details

The XYZ color **77.4706, 76.2827, 67.7676** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1110, 82.3750, 106.6016**, and the grayscale version is **73.8545, 77.7007, 84.6160**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0692, 40.7587, 34.5041** is the 20% darker color. If you saturate the color by 10%, you get **70.2151, 66.2720, 51.4751**, and if you desaturate by 10%, it is **85.7383, 87.5157, 86.8698**.

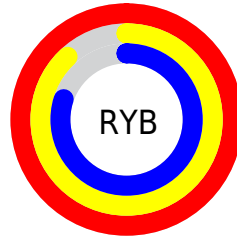
Distribution



Red (100%)

Green (86%)

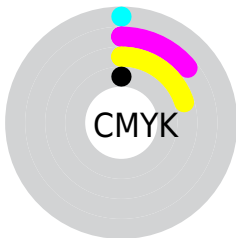
Blue (80%)



Red (100%)

Yellow (88%)

Blue (80%)

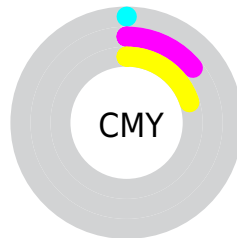


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4706, 76.2827, 67.7676 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 77.4706, 76.2827, 67.7676 by changing the saturation by 10% instead.


 77.4706, 76.2827,
67.7676

 77.4706, 76.2827,
67.7676

475.2344,
482.3149, 471.2479

 57.9405, 56.6644,
49.2432


128.7729,
128.1264, 117.6707

 42.0039, 40.7358,
34.4455


161.2758,
161.1206, 149.8864

 29.2954, 28.1127,
22.9559


198.8336,
199.3422, 187.5030

 19.4498, 18.4106,
14.3560

241.8117,
243.1756, 230.9390

 12.1017, 11.2452,
8.2271

290.5755,
293.0051, 280.6130

 6.8857, 6.2320,
4.1507

345.4903,

 3.4364, 2.9867,

349.2153, 336.9434

1.7084

406.9215,
412.1904, 400.3489

■ 1.3885, 1.1248,
0.3665

■ 0.2480, 0.0000,
0.0000

■ 77.4706, 76.2827,
67.7676

■ 77.4706, 76.2827,
67.7676

■ 70.2151, 66.2720,
51.4751

■ 85.7383, 87.5157,
86.8698

■ 63.9258, 57.4317,
37.8539

95.0500, 100.0000,
108.9000

■ 58.5612, 49.7208,
26.7611

■ 54.0747, 43.0920,
18.0383

■ 50.4148, 37.4944,
11.5093

■ 47.5244, 32.8727,
6.9724

■ 45.3374, 29.1654,
4.1883

■ 43.7579, 26.2958,
2.7693

■ 43.7578, 26.2957,
2.7693

Harmonies

Analogous

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



79.7948, 76.2827, 76.0694



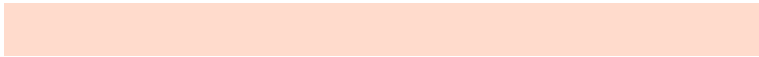
77.4706, 76.2827, 67.7676



73.8665, 76.2827, 63.6908

Triad

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



77.4706, 76.2827, 67.7676



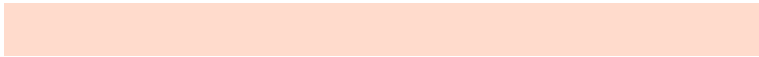
65.3820, 76.2827, 79.2422



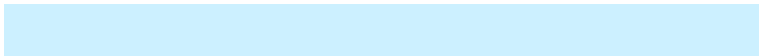
75.0459, 76.2827, 104.9593

Complementary

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



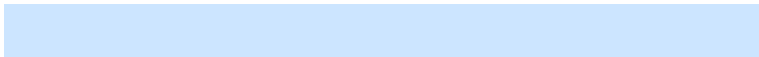
77.4706, 76.2827, 67.7676



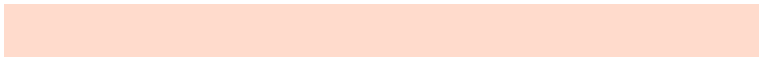
74.1110, 82.3750, 106.6016

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.



71.1592, 76.2827, 106.0021



77.4706, 76.2827, 67.7676



65.6722, 76.2827, 90.4640

Square

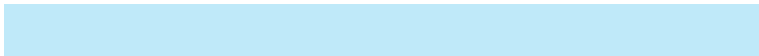
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.4706, 76.2827, 67.7676



66.9475, 76.2827, 69.9111



67.7551, 76.2827, 100.4930



78.3606, 76.2827, 97.7597

Rectangle

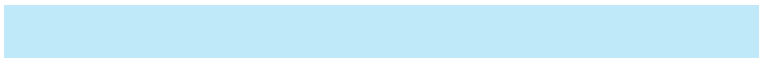
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.4706, 76.2827, 67.7676



71.2631, 76.2827, 63.6464



67.7551, 76.2827, 100.4930



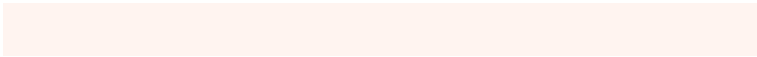
73.7601, 76.2827, 106.0646

Sweetspot

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



77.4724, 76.2860, 67.7692



89.3350, 92.3562, 95.3227



78.6433, 70.7705, 92.3826



18.9932, 19.5959, 20.1006



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.



77.4724, 76.2860, 67.7692



74.4502, 72.1362, 60.9210



84.4750, 90.2912, 70.1034



18.4448, 18.8578, 18.8121



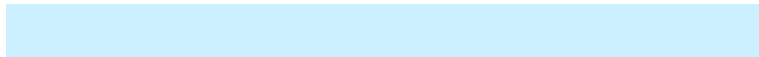
22.9761, 13.9633, 1.4842



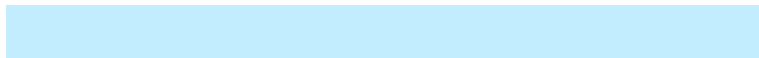
2.3269, 1.5392, 0.1744

Inverse Universe

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



74.1110, 82.3750, 106.6016



70.5292, 79.2277, 106.1829



67.2658, 68.6846, 104.3199



18.0770, 19.5257, 23.0660



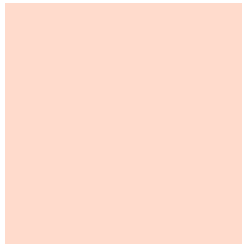
18.0928, 21.0951, 52.5528



1.8565, 2.2436, 5.1485

Previews

White Background



This preview shows how the XYZ color 77.4706, 76.2827, 67.7676 looks on a white background.

Color Contrast Check

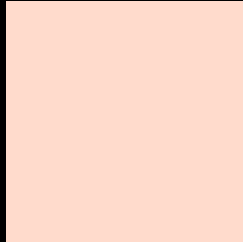
Large Text (above 18pt) WCAG AA × Fail

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 77.4706, 76.2827, 67.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

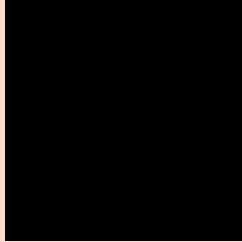
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4706, 76.2827, 67.7676

Background



This preview shows how black text looks on a background with the XYZ color 77.4706, 76.2827, 67.7676.



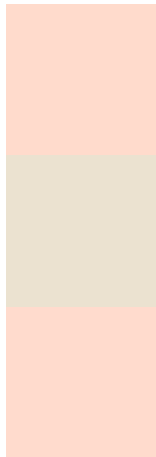
This preview shows how white text looks on a background with the XYZ color 77.4706, 76.2827,

67.7676.

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

77.4706, 76.2827, 67.7676

Protanopia

72.8425, 76.6089, 70.6223

Deuteranopia

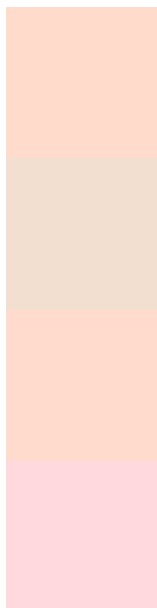
77.5910, 76.3308, 68.4014



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

77.4706, 76.2827, 67.7676

Protanomaly

74.2681, 76.1576, 69.8170

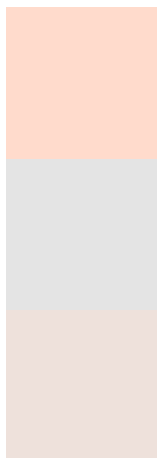
Deuteranomaly

77.5910, 76.3308, 68.4014

Tritanomaly

79.1040, 76.1062, 78.9273

Monochromacy



Original Color

77.4706, 76.2827, 67.7676

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.9713, 77.1420, 77.9563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4706, 76.2827, 67.7676 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, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 204)  
}
```

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, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 204) }
```

Border

The CSS property to change the border of an element to XYZ 77.4706, 76.2827, 67.7676 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, 219, 204) }
```


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

```
.border{ border-color:rgb(255, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4706, 76.2827, 67.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 204) }
```

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

```
.background{ background-color: rgb(255,  
219, 204) }
```

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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