

Converting Colors

XYZ(164.3040, 122.5024,
67.1445)

Have a look what the booklet for
XYZ(164.3040, 122.5024, 67.1445)
contains.

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Color

**XYZ(77.3251, 77.4881,
63.1058)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEC4
RGB	255, 222, 196
RGB Percent	100%, 87%, 77%
CMY	0.0000, 0.1294, 0.2314
CMYK	0.00, 0.13, 0.23, 0.00
HSL	26°, 100%, 88%
HSV	26°, 23%, 100%
XYZ	77.3251, 77.4881, 63.1058
YIQ	228.9030, 28.0140, -1.0900

Conversions

Conversions Part 2

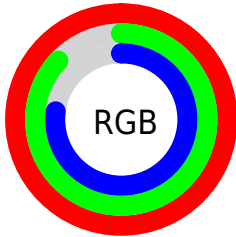
Format	Color
R _Y B	255, 242, 196
Decimal	16768708
CIE Lab	90.55, 7.51, 16.95
CIE LCh	91, 18.541, 66.089
Yxy	77.4881, 0.3548, 0.3556
Android (android.graphics.Color)	4294958788 (0xFFFFDEC4)
YUV	228.9030, -16.2212, 22.8871
Hunter-Lab	88.0273, 2.7504, 19.1148

Details

The XYZ color **77.3251, 77.4881, 63.1058** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8335, 74.9921, 105.4548**, and the grayscale version is **74.5076, 78.3878, 85.3643**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **41.9899, 41.5962, 31.4069** is the 20% darker color. If you saturate the color by 10%, you get **71.0372, 69.1693, 47.8865**, and if you desaturate by 10%, it is **84.4304, 86.6519, 81.0332**.

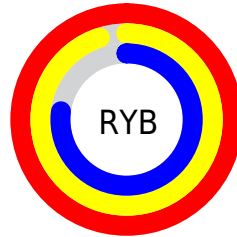
Distribution



Red (100%)

Green (87%)

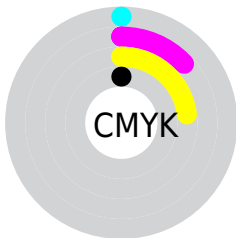
Blue (77%)



Red (100%)

Yellow (95%)

Blue (77%)

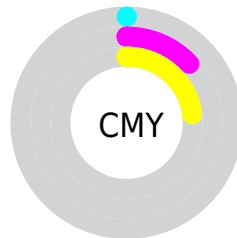


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3251, 77.4881, 63.1058 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 77.3251, 77.4881, 63.1058 by changing the saturation by 10% instead.


 77.3251, 77.4881,
63.1058

 77.3251, 77.4881,
63.1058


474.7467,
486.4266, 454.0719

 57.8206, 57.6536,
45.4853


128.5687,
129.8283, 110.9092

 41.9071, 41.5302,
31.4941


161.0385,
163.1027, 141.9291

 29.2194, 28.7336,
20.7138

198.5608,
201.6258, 178.2526

 19.3920, 18.8794,
12.7257

241.5009,
245.7821, 220.2981

 12.0595, 11.5832,
7.1115

290.2242,
295.9559, 268.4843

 6.8567, 6.4605,
3.4524

345.0960,

 3.4182, 3.1271,

352.5317, 323.2296

1.3300

406.4817,
415.8938, 384.9526

■ 1.3786, 1.1984,
0.0862

■ 0.2409, 0.0604,
0.0000

■ 77.3251, 77.4881,
63.1058

■ 77.3251, 77.4881,
63.1058

■ 71.0372, 69.1693,
47.8865

■ 84.4304, 86.6519,
81.0332

■ 65.5284, 61.6593,
35.2365

■ 92.3784, 96.6748,
101.7884

■ 60.7653, 54.9345,
25.0119

95.0500, 100.0000,
108.9000

■ 56.7092, 48.9657,
17.0525

■ 53.3179, 43.7217,
11.1784

■ 50.5429, 39.1681,
7.1820

■ 48.3272, 35.2662,
4.8111

■ 47.0780, 32.9359,
3.8760

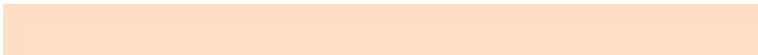
Harmonies

Analogous

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



81.0962, 77.4881, 70.2003



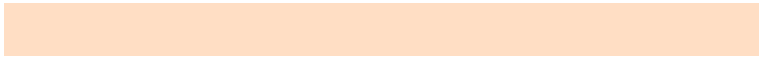
77.3251, 77.4881, 63.1058



72.7080, 77.4881, 61.4330

Triad

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



77.3251, 77.4881, 63.1058



65.1316, 77.4881, 87.1103



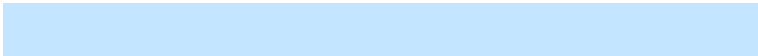
79.0304, 77.4881, 106.7453

Complementary

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



77.3251, 77.4881, 63.1058



68.8335, 74.9921, 105.4548

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.



74.6003, 77.4881, 112.4086



77.3251, 77.4881, 63.1058



66.6743, 77.4881, 100.3317

Square

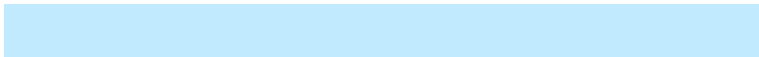
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3251, 77.4881, 63.1058



65.7928, 77.4881, 74.4347



70.0935, 77.4881, 109.9466



82.1094, 77.4881, 95.1553

Rectangle

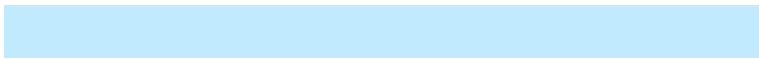
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3251, 77.4881, 63.1058



69.7966, 77.4881, 63.4445



70.0935, 77.4881, 109.9466



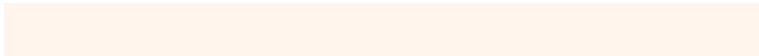
77.6429, 77.4881, 109.4577

Sweetspot

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



77.3270, 77.4915, 63.1074



89.2058, 92.6987, 93.4267



75.1839, 66.4221, 83.3051



18.9901, 19.7109, 19.7260



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.



77.3270, 77.4915, 63.1074



74.1683, 73.3409, 55.3750



85.7221, 94.2817, 65.9058



18.6682, 19.3046, 18.8866



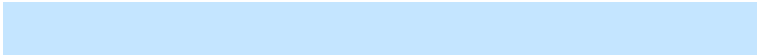
24.7422, 17.4957, 2.0729



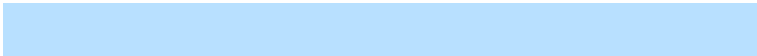
2.5157, 1.9168, 0.2374

Inverse Universe

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



68.8335, 74.9921, 105.4548



64.2507, 70.4196, 104.8137



61.4546, 60.2345, 102.9951



17.8457, 19.0630, 22.9889



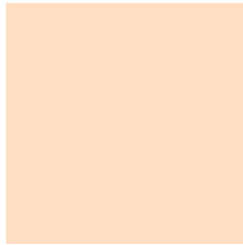
14.6843, 14.2782, 51.4166



1.5387, 1.6081, 5.0426

Previews

White Background



This preview shows how the XYZ color 77.3251, 77.4881, 63.1058 looks on a white background.

Color Contrast Check

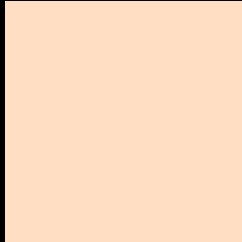
Large Text (above 18pt) WCAG AA × Fail

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 77.3251, 77.4881, 63.1058 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 77.3251, 77.4881, 63.1058

Background



This preview shows how black text looks on a background with the XYZ color 77.3251, 77.4881, 63.1058.

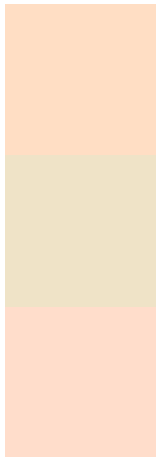


This preview shows how white text looks on a background with the XYZ color 77.3251, 77.4881,

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

77.3251, 77.4881, 63.1058

Protanopia

73.3745, 77.4124, 65.1077

Deuteranopia

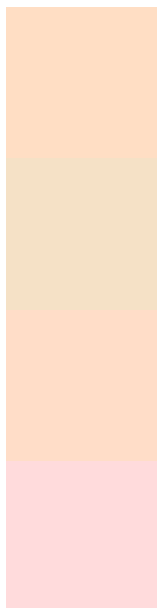
77.8759, 77.2847, 67.3128



Tritanopia

81.0194, 77.2860, 87.7383

Trichromacy



Original Color

77.3251, 77.4881, 63.1058

Protanomaly

74.7744, 77.3401, 64.4132

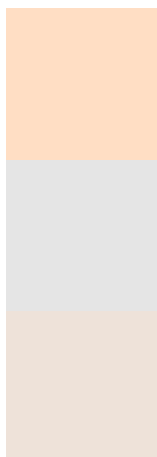
Deuteranomaly

77.5218, 77.1430, 65.4478

Tritanomaly

79.4898, 77.0903, 78.4005

Monochromacy



Original Color

77.3251, 77.4881, 63.1058

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9806, 77.5796, 76.6681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3251, 77.4881, 63.1058 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 196) }
```

Border

The CSS property to change the border of an element to XYZ 77.3251, 77.4881, 63.1058 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, 196) }
```


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

```
.border{ border-color:rgb(255, 222, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3251, 77.4881, 63.1058 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
222, 196) }
```

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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