

Converting Colors

XYZ(120.1753, 100.0000,
61.4366)

Have a look what the booklet for
XYZ(120.1753, 100.0000, 61.4366)
contains.

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Color

**XYZ(76.9219, 77.7531,
59.6688)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFBE
RGB	255, 223, 190
RGB Percent	100%, 87%, 75%
CMY	0.0000, 0.1255, 0.2549
CMYK	0.00, 0.13, 0.25, 0.00
HSL	30°, 100%, 87%
HSV	30°, 25%, 100%
XYZ	76.9219, 77.7531, 59.6688
YIQ	228.8060, 29.6650, -3.4790

Conversions

Conversions Part 2

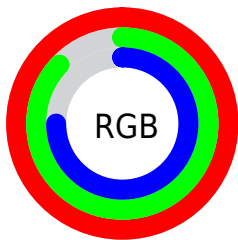
Format	Color
R _Y B	253, 255, 190
Decimal	16768958
CIE Lab	90.67, 6.18, 20.24
CIE LCh	91, 21.165, 73.025
Yxy	77.7531, 0.3589, 0.3627
Android (android.graphics.Color)	4294959038 (0xFFFFDFBE)
YUV	228.8060, -19.1314, 22.9721
Hunter-Lab	88.1777, 1.4036, 21.6036

Details

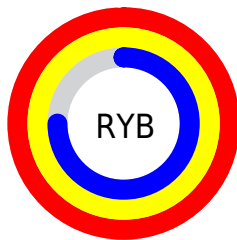
The XYZ color **76.9219, 77.7531, 59.6688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.4057, 70.4074, 104.7505**, and the grayscale version is **74.4562, 78.3337, 85.3054**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **41.8067, 41.8172, 29.5350** is the 20% darker color. If you saturate the color by 10%, you get **71.1453, 70.2766, 45.1750**, and if you desaturate by 10%, it is **83.4387, 85.9289, 76.8168**.

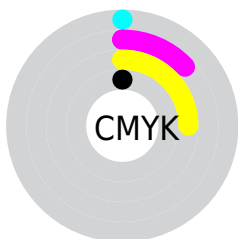
Distribution



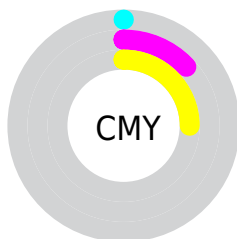
- Red (100%)
- Green (87%)
- Blue (75%)



- Red (99%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9219, 77.7531, 59.6688 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 76.9219, 77.7531, 59.6688 by changing the saturation by 10% instead.


 76.9219, 77.7531,
59.6688

 76.9219, 77.7531,
59.6688


473.3937,
487.3279, 441.1466

 57.4885, 57.8712,
42.7282


 128.0027,
130.2020, 105.8877

 41.6392, 41.7051,
29.3421


160.3807,
163.5378, 136.0031

 29.0088, 28.8704,
19.0920


197.8043,
202.1270, 171.3472

 19.2318, 18.9828,
11.5593

240.6389,
246.3540, 212.3385

 11.9429, 11.6579,
6.3254

289.2498,
296.6032, 259.3955

 6.7767, 6.5112,
2.9720

344.0023,

 3.3679, 3.1583,

353.2590, 312.9369

1.0804

405.2618,
416.7058, 373.3811

■ 1.3512, 1.2149,
0.0000

■ 0.2210, 0.0739,
0.0000

■ 76.9219, 77.7531,
59.6688

■ 76.9219, 77.7531,
59.6688

■ 71.1453, 70.2766,
45.1750

■ 83.4387, 85.9289,
76.8168

■ 66.0723, 63.4681,
33.1950

■ 90.7186, 94.8133,
96.7399

■ 61.6716, 57.3088,
23.5826

95.0500, 100.0000,
108.9000

■ 57.9068, 51.7751,
16.1745

■ 54.7372, 46.8411,
10.7862

■ 52.1163, 42.4783,
7.2027

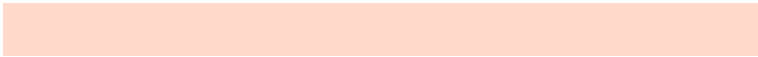
■ 49.9876, 38.6538,
5.1584

■ 49.1541, 37.0882,
4.5680

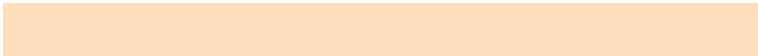
Harmonies

Analogous

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



81.6170, 77.7531, 66.2418



76.9219, 77.7531, 59.6688



71.6257, 77.7531, 59.2567

Triad

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



76.9219, 77.7531, 59.6688



64.3980, 77.7531, 91.4195



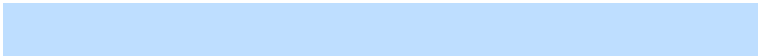
81.0866, 77.7531, 107.8760

Complementary

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



76.9219, 77.7531, 59.6688



65.4057, 70.4074, 104.7505

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.



76.2260, 77.7531, 116.4488



76.9219, 77.7531, 59.6688



66.6892, 77.7531, 106.2100

Square

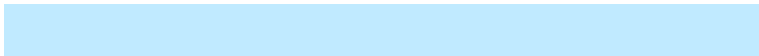
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9219, 77.7531, 59.6688



64.5643, 77.7531, 76.4098



70.9622, 77.7531, 115.8050



84.0992, 77.7531, 93.4834

Rectangle

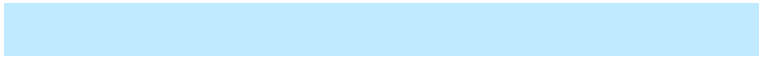
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9219, 77.7531, 59.6688



68.4782, 77.7531, 62.4421



70.9622, 77.7531, 115.8050



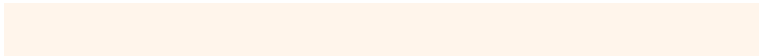
79.6049, 77.7531, 111.6069

Sweetspot

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



76.9239, 77.7566, 59.6704



88.8176, 92.5149, 91.4706



72.9059, 63.3885, 77.8524



18.7718, 19.5119, 18.9211



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.



76.9239, 77.7566, 59.6704



73.6504, 73.5504, 51.3632



86.2945, 96.4978, 62.7939



18.7718, 19.5119, 18.9211



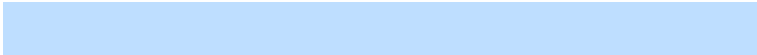
25.8339, 19.6790, 2.4368



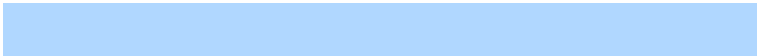
2.6247, 2.1347, 0.2737

Inverse Universe

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



65.4057, 70.4074, 104.7505



60.2080, 64.9739, 103.9757



57.6995, 54.9951, 102.1818



17.7414, 18.8543, 22.9541



13.4464, 11.8025, 51.0040



1.4183, 1.3672, 5.0024

Previews

White Background



This preview shows how the XYZ color 76.9219, 77.7531, 59.6688 looks on a white background.

Color Contrast Check

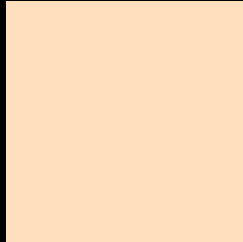
Large Text (above 18pt) WCAG AA × Fail

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 76.9219, 77.7531, 59.6688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

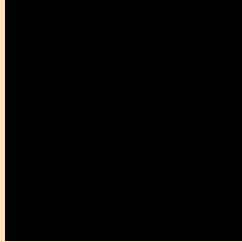
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9219, 77.7531, 59.6688

Background



This preview shows how black text looks on a background with the XYZ color 76.9219, 77.7531, 59.6688.



This preview shows how white text looks on a background with the XYZ color 76.9219, 77.7531,

59.6688.

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

76.9219, 77.7531, 59.6688

Protanopia

73.5335, 77.9933, 61.0478

Deuteranopia

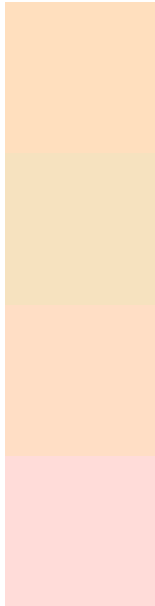
77.9039, 77.7196, 66.1537



Tritanopia

81.2795, 77.8062, 87.8250

Trichromacy



Original Color

76.9219, 77.7531, 59.6688

Protanomaly

74.6064, 77.7471, 60.3647

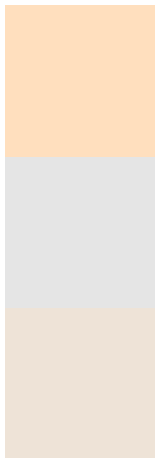
Deuteranomaly

77.4393, 77.5338, 63.7073

Tritanomaly

79.3576, 77.4562, 76.4136

Monochromacy



Original Color

76.9219, 77.7531, 59.6688

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9947, 78.0216, 75.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9219, 77.7531, 59.6688 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, 223, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 190)  
}
```

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, 223, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 190) }
```

Border

The CSS property to change the border of an element to XYZ 76.9219, 77.7531, 59.6688 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, 223, 190) }
```


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

```
.border{ border-color:rgb(255, 223, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 190); box-shadow:4px 4px 4px 4px rgb(255, 223, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9219, 77.7531, 59.6688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 190) }
```

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

```
.background{ background-color: rgb(255,  
223, 190) }
```

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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