

Converting Colors

XYZ(110.6273, 95.2320,
61.7163)

Have a look what the booklet for
XYZ(110.6273, 95.2320, 61.7163)
contains.

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Color

**XYZ(77.0316, 77.7969,
60.2465)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFBF
RGB	255, 223, 191
RGB Percent	100%, 87%, 75%
CMY	0.0000, 0.1255, 0.2510
CMYK	0.00, 0.13, 0.25, 0.00
HSL	30°, 100%, 87%
HSV	30°, 25%, 100%
XYZ	77.0316, 77.7969, 60.2465
YIQ	228.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

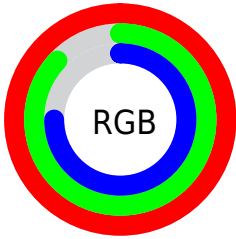
Format	Color
R_{YB}	255, 255, 191
Decimal	16768959
CIE _{Lab}	90.69, 6.31, 19.75
CIE _{LCh}	91, 20.735, 72.271
Yxy	77.7969, 0.3582, 0.3617
Android (android.graphics.Color)	4294959039 (0xFFFFDFBF)
YUV	228.9200, -18.6946, 22.8722
Hunter-Lab	88.2026, 1.5383, 21.2439

Details

The XYZ color **77.0316, 77.7969, 60.2465** is a light color, and the websafe version is hex **FFCC99**, and the color name is **very pale orange**. A complement of this color would be **65.9228, 71.0695, 104.8510**, and the grayscale version is **74.5370, 78.4187, 85.3980**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **41.8067, 41.8172, 29.5350** is the 20% darker color. If you saturate the color by 10%, you get **71.1878, 70.2158, 45.6382**, and if you desaturate by 10%, it is **83.6244, 86.0933, 77.5166**.

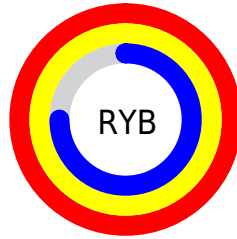
Distribution



Red (100%)

Green (87%)

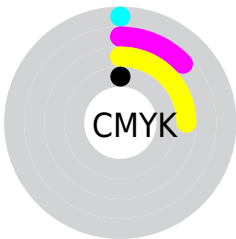
Blue (75%)



Red (100%)

Yellow (100%)

Blue (75%)

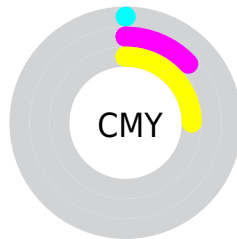


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0316, 77.7969, 60.2465 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 77.0316, 77.7969, 60.2465 by changing the saturation by 10% instead.


 77.0316, 77.7969,
60.2465

 77.0316, 77.7969,
60.2465


473.7620,
487.4768, 443.3356

 57.5788, 57.9072,
43.1908


 128.1567,
130.2638, 106.7340

 41.7121, 41.7340,
29.7023


160.5597,
163.6097, 137.0029

 29.0660, 28.8931,
19.3626


198.0102,
202.2098, 172.5132

 19.2753, 18.9999,
11.7531

240.8735,
246.4485, 213.6836

 11.9746, 11.6702,
6.4553

289.5150,
296.7101, 260.9324

 6.7984, 6.5196,
3.0506

344.3000,

 3.3816, 3.1635,

353.3791, 314.6783

1.1205

405.5939,
416.8399, 375.3399

■ 1.3586, 1.2177,
0.0000

■ 0.2264, 0.0761,
0.0000

■ 77.0316, 77.7969,
60.2465

■ 77.0316, 77.7969,
60.2465

■ 71.1878, 70.2158,
45.6382

■ 83.6244, 86.0933,
77.5166

■ 66.0561, 63.3183,
33.5517

■ 90.9892, 95.1148,
97.5692

■ 61.6053, 57.0851,
23.8413

95.0500, 100.0000,
108.9000

■ 57.7986, 51.4920,
16.3442

■ 54.5954, 46.5127,
10.8769

■ 51.9490, 42.1182,
7.2255

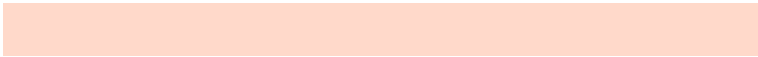
■ 49.8030, 38.2748,
5.1270

■ 48.8969, 36.5738,
4.4823

Harmonies

Analogous

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



81.5950, 77.7969, 66.8630



77.0316, 77.7969, 60.2465



71.8381, 77.7969, 59.6857

Triad

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



77.0316, 77.7969, 60.2465



64.5939, 77.7969, 90.9429



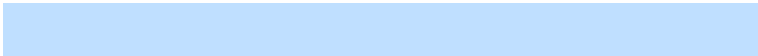
80.8778, 77.7969, 107.7227

Complementary

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



77.0316, 77.7969, 60.2465



65.9228, 71.0695, 104.8510

Split Complementary

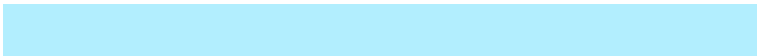
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0899, 77.7969, 115.8963



77.0316, 77.7969, 60.2465



66.7862, 77.7969, 105.4743

Square

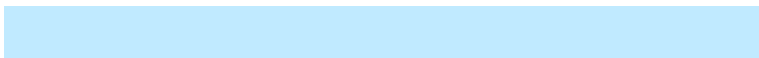
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0316, 77.7969, 60.2465



64.8195, 77.7969, 76.2802



70.9393, 77.7969, 115.0283



83.8862, 77.7969, 93.7339

Rectangle

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



77.0316, 77.7969, 60.2465



68.7306, 77.7969, 62.7213



70.9393, 77.7969, 115.0283



79.4138, 77.7969, 111.3113

Sweetspot

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



77.0335, 77.8004, 60.2481



88.7701, 92.4200, 91.4548



73.1906, 63.8501, 78.2794



18.7599, 19.4880, 18.9171



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.



77.0335, 77.8004, 60.2481



74.0763, 73.9947, 52.7613



86.4042, 96.5417, 63.3717



18.7599, 19.4880, 18.9171



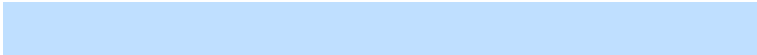
25.6990, 19.4092, 2.3919



2.6114, 2.1082, 0.2693

Inverse Universe

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



65.9228, 71.0695, 104.8510



61.2718, 66.2378, 104.1636



58.1675, 55.5590, 102.2659



17.7533, 18.8782, 22.9581



13.5788, 12.0672, 51.0481



1.4313, 1.3933, 5.0068

Previews

White Background



This preview shows how the XYZ color 77.0316, 77.7969, 60.2465 looks on a white background.

Color Contrast Check

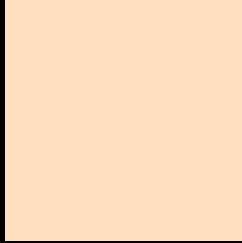
Large Text (above 18pt) WCAG AA × Fail

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 77.0316, 77.7969, 60.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

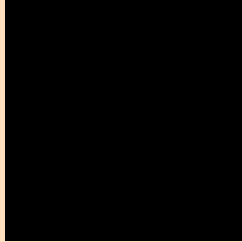
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0316, 77.7969, 60.2465

Background



This preview shows how black text looks on a background with the XYZ color 77.0316, 77.7969, 60.2465.



This preview shows how white text looks on a background with the XYZ color 77.0316, 77.7969,

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

77.0316, 77.7969, 60.2465

Protanopia

73.6447, 78.0378, 61.6334

Deuteranopia

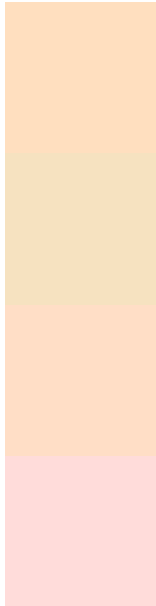
78.0219, 77.7668, 66.7754



Tritanopia

81.2795, 77.8062, 87.8250

Trichromacy



Original Color

77.0316, 77.7969, 60.2465

Protanomaly

74.7168, 77.7913, 60.9464

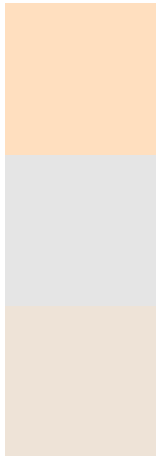
Deuteranomaly

77.5543, 77.5798, 64.3129

Tritanomaly

79.4881, 77.5084, 77.1008

Monochromacy



Original Color

77.0316, 77.7969, 60.2465

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 77.0316, 77.7969, 60.2465 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 191) }
```

Border

The CSS property to change the border of an element to XYZ 77.0316, 77.7969, 60.2465 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, 191) }
```


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

```
.border{ border-color:rgb(255, 223, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0316, 77.7969, 60.2465 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
223, 191) }
```

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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