

Converting Colors

XYZ(76.9638, 78.3777, 60.9446)

Have a look what the booklet for
XYZ(76.9638, 78.3777, 60.9446)
contains.

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Color

**XYZ(76.9477, 78.5388,
60.9731)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE1C0
RGB	253, 225, 192
RGB Percent	99%, 88%, 75%
CMY	0.0078, 0.1176, 0.2471
CMYK	0.00, 0.11, 0.24, 0.01
HSL	32°, 94%, 87%
HSV	32°, 24%, 99%
XYZ	76.9477, 78.5388, 60.9731
YIQ	229.6100, 27.2810, -4.3270

Conversions

Conversions Part 2

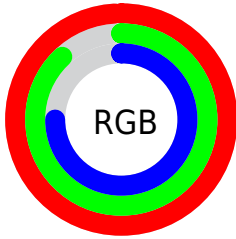
Format	Color
R_{YB}	244, 253, 192
Decimal	16638400
CIE _{Lab}	91.03, 4.69, 19.68
CIE _{LCh}	91, 20.227, 76.599
Yxy	78.5388, 0.3555, 0.3628
Android (android.graphics.Color)	4294828480 (0xFFFDE1C0)
YUV	229.6100, -18.5417, 20.5130
Hunter-Lab	88.6221, -0.1030, 21.2432

Details

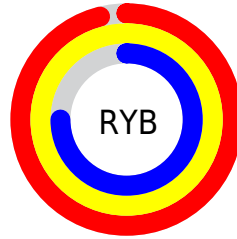
The XYZ color **76.9477, 78.5388, 60.9731** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.0607, 69.4831, 102.9116**, and the grayscale version is **75.0458, 78.9540, 85.9809**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **41.7271, 42.3202, 30.0141** is the 20% darker color. If you saturate the color by 10%, you get **71.3495, 71.4492, 46.4454**, and if you desaturate by 10%, it is **83.2455, 86.2552, 78.1131**.

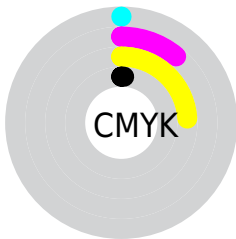
Distribution



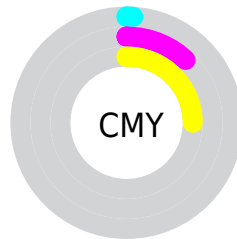
- Red (99%)
- Green (88%)
- Blue (75%)



- Red (96%)
- Yellow (99%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (1%)




- Cyan (1%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9477, 78.5388, 60.9731 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 76.9477, 78.5388, 60.9731 by changing the saturation by 10% instead.


 76.9477, 78.5388,
60.9731

 76.9477, 78.5388,
60.9731


473.4804,
489.9947, 446.0792

 57.5097, 58.5167,
43.7730


 128.0389,
131.3094, 107.7971

 41.6564, 42.2242,
30.1562


160.4228,
164.8267, 138.2582

 29.0222, 29.2769,
19.7042


197.8528,
203.6111, 173.9767

 19.2420, 19.2904,
11.9982


240.6941,
248.0471, 215.3711

 11.9503, 11.8803,
6.6200

289.3122,
298.5191, 262.8600

 6.7818, 6.6622,
3.1508

344.0723,

 3.3711, 3.2518,

355.4114, 316.8620

1.1721

405.3399,
419.1085, 377.7955

■ 1.3529, 1.2645,
0.0000

■ 0.2223, 0.1135,
0.0000

■ 76.9477, 78.5388,
60.9731

■ 76.9477, 78.5388,
60.9731

■ 71.3495, 71.4492,
46.4454

■ 83.2455, 86.2552,
78.1131

■ 66.4158, 64.9575,
34.3939

■ 90.2635, 94.6051,
97.9824

■ 62.1175, 59.0479,
24.6774

■ 94.3183, 99.6228,
108.8658

■ 58.4204, 53.6994,
17.1386

■ 55.2867, 48.8896,
11.6002

■ 52.6726, 44.5932,
7.8567

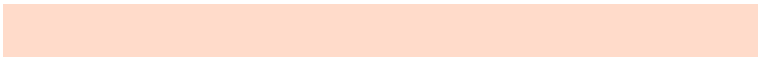
■ 50.5259, 40.7813,
5.6568

■ 49.4382, 38.7427,
4.8724

Harmonies

Analogous

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



81.6008, 78.5388, 66.6676



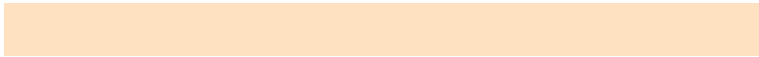
76.9477, 78.5388, 60.9731



71.8787, 78.5388, 61.2979

Triad

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



76.9477, 78.5388, 60.9731



65.6287, 78.5388, 93.8030



82.0127, 78.5388, 106.3293

Complementary

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



76.9477, 78.5388, 60.9731



65.0607, 69.4831, 102.9116

Split Complementary

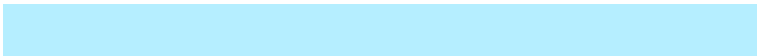
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4891, 78.5388, 115.3948



76.9477, 78.5388, 60.9731



68.1033, 78.5388, 107.6177

Square

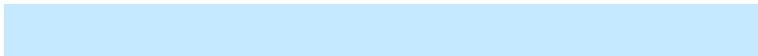
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9477, 78.5388, 60.9731



65.4986, 78.5388, 79.1621



72.3961, 78.5388, 115.8916



84.6137, 78.5388, 92.1999

Rectangle

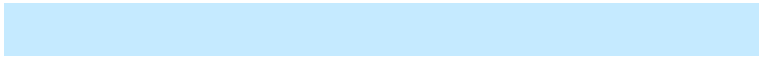
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9477, 78.5388, 60.9731



68.9462, 78.5388, 64.8674



72.3961, 78.5388, 115.8916



80.6574, 78.5388, 110.1370

Sweetspot

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



76.9498, 78.5424, 60.9747



89.7501, 93.7873, 93.6081



72.3387, 63.7750, 76.5327



19.1161, 19.9630, 19.7680



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.



76.9498, 78.5424, 60.9747



75.4584, 76.3437, 54.5017



84.4121, 94.5600, 63.6732



18.8237, 19.6155, 18.9384



26.4468, 20.9048, 2.6411



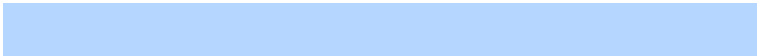
2.6843, 2.2541, 0.2936

Inverse Universe

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



65.0607, 69.4831, 102.9116



61.4153, 65.6447, 104.0415



58.8369, 56.2660, 100.6885



17.6899, 18.7514, 22.9370



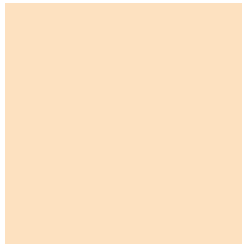
12.9025, 10.7146, 50.8227



1.3640, 1.2587, 4.9843

Previews

White Background



This preview shows how the XYZ color 76.9477, 78.5388, 60.9731 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 76.9477, 78.5388, 60.9731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

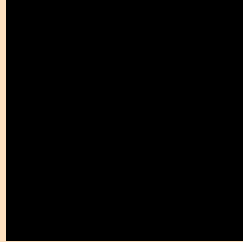
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9477, 78.5388, 60.9731

Background



This preview shows how black text looks on a background with the XYZ color 76.9477, 78.5388, 60.9731.



This preview shows how white text looks on a background with the XYZ color 76.9477, 78.5388,

60.9731.

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

76.9477, 78.5388, 60.9731

Protanopia

74.3749, 78.8109, 62.3310

Deuteranopia

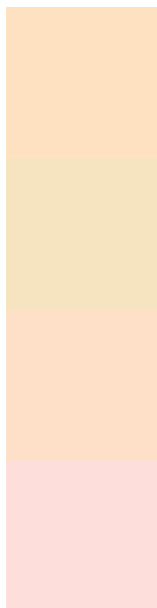
78.5268, 78.3950, 68.1197



Tritanopia

81.8286, 78.4446, 89.4257

Trichromacy



Original Color

76.9477, 78.5388, 60.9731

Protanomaly

75.3751, 78.9299, 61.7144

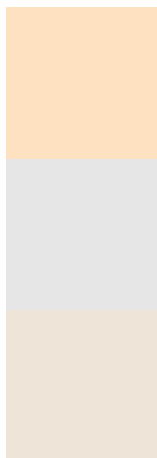
Deuteranomaly

77.9540, 78.5523, 65.6971

Tritanomaly

79.7805, 78.4279, 77.9510

Monochromacy



Original Color

76.9477, 78.5388, 60.9731

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3980, 78.6218, 76.1674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9477, 78.5388, 60.9731 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(253, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(253, 225, 192)  
}
```

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(253, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 225, 192) }
```

Border

The CSS property to change the border of an element to XYZ 76.9477, 78.5388, 60.9731 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(253, 225, 192) }
```


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

```
.border{ border-color:rgb(253, 225, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 225, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(253, 225,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9477, 78.5388, 60.9731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 225, 192) }
```

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

```
.background{ background-color: rgb(253,  
225, 192) }
```

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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