

Converting Colors

XYZ(76.1427, 77.4452, 60.5224)

Have a look what the booklet for
XYZ(76.1427, 77.4452, 60.5224)
contains.

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Color

**XYZ(76.0470, 77.2766,
60.7769)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDFC0
RGB	252, 223, 192
RGB Percent	99%, 87%, 75%
CMY	0.0118, 0.1255, 0.2471
CMYK	0.00, 0.12, 0.24, 0.01
HSL	31°, 91%, 87%
HSV	31°, 24%, 99%
XYZ	76.0470, 77.2766, 60.7769
YIQ	228.1370, 27.2350, -3.4930

Conversions

Conversions Part 2

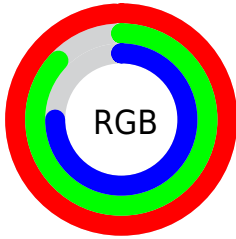
Format	Color
R _Y B	248, 252, 192
Decimal	16572352
CIE Lab	90.45, 5.35, 18.86
CIE LCh	90, 19.603, 74.171
Yxy	77.2766, 0.3552, 0.3609
Android (android.graphics.Color)	4294762432 (0xFFFCDFC0)
YUV	228.1370, -17.8155, 20.9279
Hunter-Lab	87.9071, 0.5800, 20.5433

Details

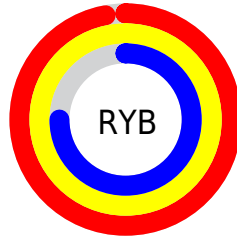
The XYZ color **76.0470, 77.2766, 60.7769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1648, 69.9457, 102.1622**, and the grayscale version is **73.9571, 77.8086, 84.7336**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **41.0958, 41.4423, 29.8779** is the 20% darker color. If you saturate the color by 10%, you get **70.3535, 69.9816, 46.2629**, and if you desaturate by 10%, it is **82.4568, 85.2380, 77.8900**.

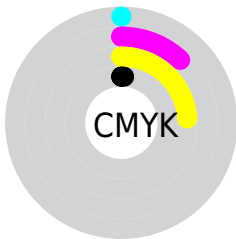
Distribution



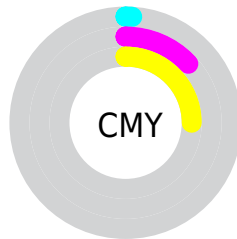
- Red (99%)
- Green (87%)
- Blue (75%)



- Red (97%)
- Yellow (99%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0470, 77.2766, 60.7769 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 76.0470, 77.2766, 60.7769 by changing the saturation by 10% instead.

 76.0470, 77.2766,
60.7769

 76.0470, 77.2766,
60.7769


470.4505,
485.7066, 445.3394

 56.7682, 57.4799,
43.6158


 126.7733,
129.5299, 107.5102

 41.0586, 41.3907,
30.0336


158.9516,
162.7552, 137.9195

 28.5528, 28.6245,
19.6118


196.1605,
201.2256, 173.5818

 18.8853, 18.7969,
11.9319

238.7652,
245.3254, 214.9159

 11.6910, 11.5236,
6.5754

287.1313,
295.4390, 262.3401

 6.6043, 6.4202,
3.1236

341.6239,

 3.2600, 3.1022,

351.9508, 316.2731

1.1581

402.6085,
415.2452, 377.1333

■ 1.2927, 1.1853,
0.0000

■ 0.1778, 0.0497,
0.0000

■ 76.0470, 77.2766,
60.7769

■ 76.0470, 77.2766,
60.7769

■ 70.3535, 69.9816,
46.2629

■ 82.4568, 85.2380,
77.8900

■ 65.3408, 63.3228,
34.2133

■ 89.6041, 93.8737,
97.7180

■ 60.9795, 57.2832,
24.4885

■ 93.9551, 99.4355,
108.8488

■ 57.2352, 51.8406,
16.9328

■ 54.0694, 46.9709,
11.3710

■ 51.4385, 42.6476,
7.6004

■ 49.2899, 38.8404,
5.3738

■ 48.1573, 36.7200,
4.5495

Harmonies

Analogous

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



80.4104, 77.2766, 66.7184



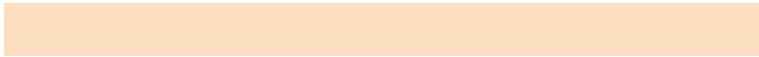
76.0470, 77.2766, 60.7769



71.1685, 77.2766, 60.6144

Triad

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



76.0470, 77.2766, 60.7769



64.6945, 77.2766, 90.9154



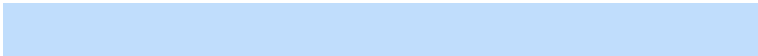
80.2059, 77.2766, 104.9984

Complementary

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



76.0470, 77.2766, 60.7769



65.1648, 69.9457, 102.1622

Split Complementary

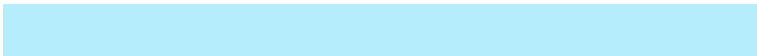
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7779, 77.2766, 113.0818



76.0470, 77.2766, 60.7769



66.9016, 77.2766, 104.3599

Square

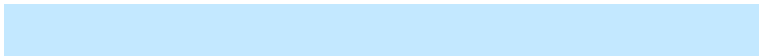
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0470, 77.2766, 60.7769



64.7594, 77.2766, 76.9991



70.9110, 77.2766, 112.8359



82.8833, 77.2766, 91.7116

Rectangle

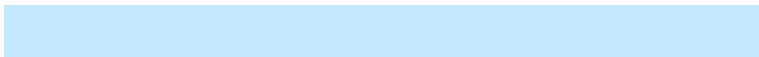
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0470, 77.2766, 60.7769



68.2876, 77.2766, 63.7478



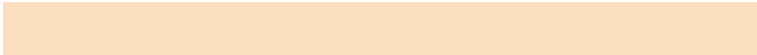
70.9110, 77.2766, 112.8359



78.8644, 77.2766, 108.4767

Sweetspot

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



76.0490, 77.2801, 60.7785



89.6177, 93.5225, 93.5640



72.0464, 63.6161, 76.8893



19.0855, 19.9016, 19.7577



0.0000, 0.0000, 0.0000



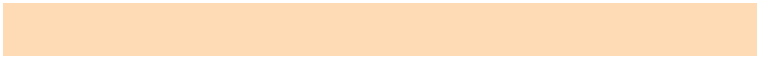
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0490, 77.2801, 60.7785



74.9861, 75.3991, 54.3443



84.1090, 93.9363, 63.5687



17.9865, 18.7089, 18.1256



25.2340, 19.4247, 2.4194



2.4433, 2.0114, 0.2595

Inverse Universe

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



65.1648, 69.9457, 102.1622



61.8755, 66.5653, 104.1949



58.4135, 56.0660, 99.8390



16.9753, 18.0274, 21.9702



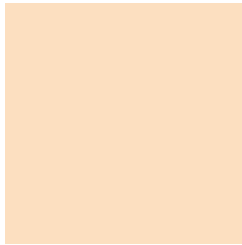
12.9100, 11.1756, 49.4502



1.3013, 1.2462, 4.6151

Previews

White Background



This preview shows how the XYZ color 76.0470, 77.2766, 60.7769 looks on a white background.

Color Contrast Check

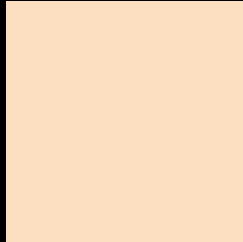
Large Text (above 18pt) WCAG AA × Fail

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 76.0470, 77.2766, 60.7769 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 76.0470, 77.2766, 60.7769

Background



This preview shows how black text looks on a background with the XYZ color 76.0470, 77.2766, 60.7769.



This preview shows how white text looks on a background with the XYZ color 76.0470, 77.2766,

60.7769.

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

76.0470, 77.2766, 60.7769

Protanopia

73.1419, 77.3585, 62.1156

Deuteranopia

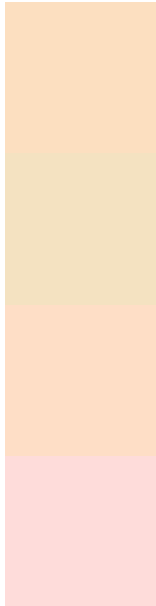
77.6391, 77.1899, 66.0655



Tritanopia

81.0194, 77.2860, 87.7383

Trichromacy



Original Color

76.0470, 77.2766, 60.7769

Protanomaly

74.1302, 77.4761, 61.4994

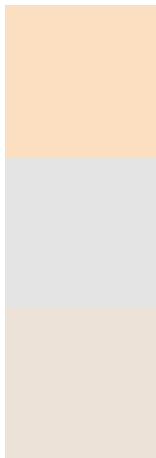
Deuteranomaly

77.1874, 77.3906, 64.2957

Tritanomaly

79.1211, 77.3192, 77.0836

Monochromacy



Original Color

76.0470, 77.2766, 60.7769

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3871, 77.3035, 75.2904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0470, 77.2766, 60.7769 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(252, 223, 192)` looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 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(252, 223, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 192) }
```

Border

The CSS property to change the border of an element to XYZ 76.0470, 77.2766, 60.7769 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(252, 223, 192) }
```


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

```
.border{ border-color:rgb(252, 223, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 223, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 192);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0470, 77.2766, 60.7769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 192) }
```

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

```
.background{ background-color: rgb(252,  
223, 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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