

Converting Colors

XYZ(76.4484, 76.5897, 60.1776)

Have a look what the booklet for
XYZ(76.4484, 76.5897, 60.1776)
contains.

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Color

**XYZ(76.5004, 76.7345,
60.0694)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDBF
RGB	255, 221, 191
RGB Percent	100%, 87%, 75%
CMY	0.0000, 0.1333, 0.2510
CMYK	0.00, 0.13, 0.25, 0.00
HSL	28°, 100%, 87%
HSV	28°, 25%, 100%
XYZ	76.5004, 76.7345, 60.0694
YIQ	227.7460, 29.8940, -2.1220

Conversions

Conversions Part 2

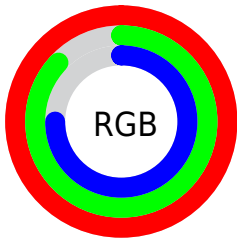
Format	Color
R _Y B	255, 247, 191
Decimal	16768447
CIE Lab	90.20, 7.34, 19.07
CIE LCh	90, 20.435, 68.941
Yxy	76.7345, 0.3586, 0.3597
Android (android.graphics.Color)	4294958527 (0xFFFFDDBF)
YUV	227.7460, -18.1158, 23.9018
Hunter-Lab	87.5982, 2.5889, 20.6614

Details

The XYZ color **76.5004, 76.7345, 60.0694** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.4602, 72.1445, 105.0302**, and the grayscale version is **73.6717, 77.5083, 84.4066**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **41.4403, 41.0843, 29.4128** is the 20% darker color. If you saturate the color by 10%, you get **70.5021, 68.8446, 45.4097**, and if you desaturate by 10%, it is **83.2796, 85.4038, 77.4016**.

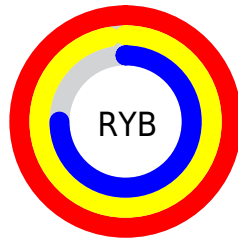
Distribution



Red (100%)

Green (87%)

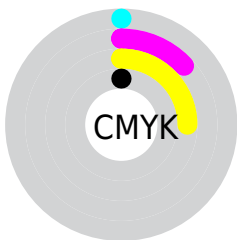
Blue (75%)



Red (100%)

Yellow (97%)

Blue (75%)

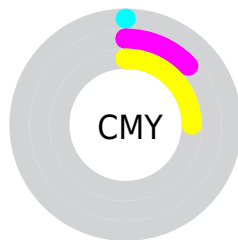


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5004, 76.7345, 60.0694 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 76.5004, 76.7345, 60.0694 by changing the saturation by 10% instead.


 76.5004, 76.7345,
60.0694

 76.5004, 76.7345,
60.0694

471.9770,
483.8583, 442.6653

 57.1414, 57.0350,
43.0489


 127.4106,
128.7646, 106.4747

 41.3594, 41.0333,
29.5918


159.6925,
161.8641, 136.6966

 28.7889, 28.3451,
19.2795


197.0128,
200.1989, 172.1560

 19.0647, 18.5860,
11.6936

239.7368,
244.1536, 213.2715

 11.8213, 11.3715,
6.4154

288.2299,
294.1124, 260.4617

 6.6934, 6.3173,
3.0264

342.8574,

 3.3157, 3.0390,

350.4599, 314.1450

1.1081

403.9846,
413.5804, 374.7400

■ 1.3229, 1.1521,
0.0000

■ 0.2002, 0.0221,
0.0000

■ 76.5004, 76.7345,
60.0694

■ 76.5004, 76.7345,
60.0694

■ 70.5021, 68.8446,
45.4097

■ 83.2796, 85.4038,
77.4016

■ 65.2471, 61.7001,
33.2820

■ 90.8641, 94.8646,
97.5274

■ 60.7024, 55.2794,
23.5403

95.0500, 100.0000,
108.9000

■ 56.8304, 49.5556,
16.0215

■ 53.5889, 44.4997,
10.5413

■ 50.9298, 40.0797,
6.8857

■ 48.7951, 36.2590,
4.7910

■ 47.9028, 34.5857,
4.1509

Harmonies

Analogous

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



80.7981, 76.7345, 67.1730



76.5004, 76.7345, 60.0694



71.4263, 76.7345, 58.8510

Triad

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



76.5004, 76.7345, 60.0694



63.7039, 76.7345, 87.9742



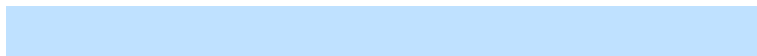
79.2470, 76.7345, 107.2528

Complementary

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



76.5004, 76.7345, 60.0694



66.4602, 72.1445, 105.0302

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.



74.4624, 76.7345, 114.3441



76.5004, 76.7345, 60.0694



65.5971, 76.7345, 102.3954

Square

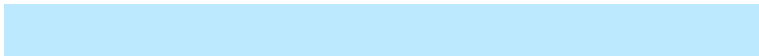
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5004, 76.7345, 60.0694



64.1929, 76.7345, 73.8963



69.4799, 76.7345, 112.4703



82.4343, 76.7345, 94.0116

Rectangle

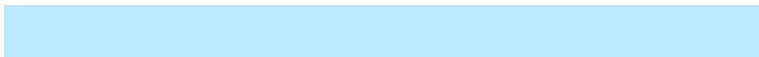
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5004, 76.7345, 60.0694



68.3085, 76.7345, 61.3829



69.4799, 76.7345, 112.4703



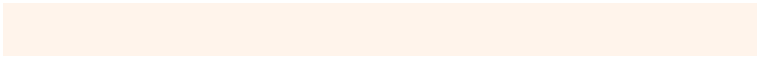
77.7634, 76.7345, 110.5008

Sweetspot

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



76.5023, 76.7379, 60.0710



88.5778, 92.0353, 91.3907



73.4801, 63.9659, 79.8040



18.7115, 19.3912, 18.9010



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.



76.5023, 76.7379, 60.0710



73.4655, 72.7730, 52.5577



85.7274, 95.1881, 63.1460



18.7115, 19.3912, 18.9010



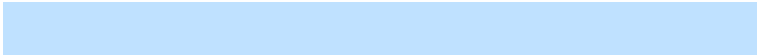
25.1767, 18.3647, 2.2178



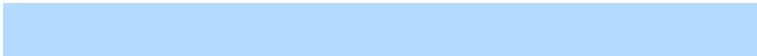
2.5596, 2.0045, 0.2520

Inverse Universe

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



66.4602, 72.1445, 105.0302



61.8916, 67.4773, 104.3701



58.6361, 56.4962, 102.4221



17.8019, 18.9753, 22.9743



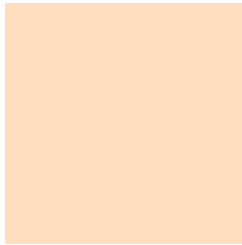
14.1422, 13.1940, 51.2359



1.4864, 1.5035, 5.0251

Previews

White Background



This preview shows how the XYZ color 76.5004, 76.7345, 60.0694 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 76.5004, 76.7345, 60.0694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

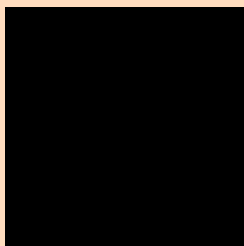
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5004, 76.7345, 60.0694

Background



This preview shows how black text looks on a background with the XYZ color 76.5004, 76.7345, 60.0694.



This preview shows how white text looks on a background with the XYZ color 76.5004, 76.7345,

60.0694.

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

76.5004, 76.7345, 60.0694

Protanopia

72.8033, 77.1839, 62.0998

Deuteranopia

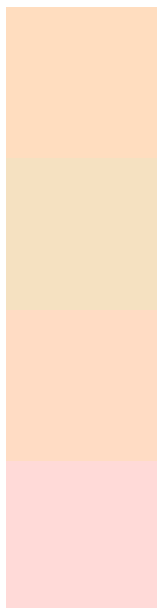
77.1420, 76.5699, 64.7465



Tritanopia

80.4767, 76.6552, 86.1557

Trichromacy



Original Color

76.5004, 76.7345, 60.0694

Protanomaly

74.2070, 77.1132, 61.4253

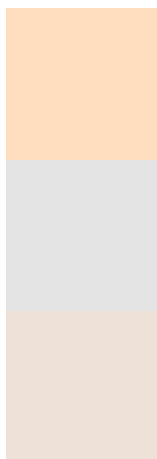
Deuteranomaly

76.7970, 76.4319, 62.9298

Tritanomaly

78.7061, 76.3607, 75.5566

Monochromacy



Original Color

76.5004, 76.7345, 60.0694

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4509, 76.9339, 75.2157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5004, 76.7345, 60.0694 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, 221, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 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, 221, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 191) }
```

Border

The CSS property to change the border of an element to XYZ 76.5004, 76.7345, 60.0694 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, 221, 191) }
```


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

```
.border{ border-color:rgb(255, 221, 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, 221, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5004, 76.7345, 60.0694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 191) }
```

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

```
.background{ background-color: rgb(255,  
221, 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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