

Converting Colors

XYZ(76.2228, 73.7870, 67.3517)

Have a look what the booklet for
XYZ(76.2228, 73.7870, 67.3517)
contains.

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Color

**XYZ(76.1857, 73.7128,
67.3393)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFD6CC |
| RGB | 255, 214, 204 |
| RGB Percent | 100%, 84%, 80% |
| CMY | 0.0000, 0.1608, 0.2000 |
| CMYK | 0.00, 0.16, 0.20, 0.00 |
| HSL | 12°, 100%, 90% |
| HSV | 12°, 20%, 100% |
| XYZ | 76.1857, 73.7128, 67.3393 |
| YIQ | 225.1190, 27.6460, 5.5820 |

Conversions

Conversions Part 2

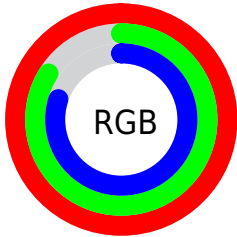
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 216, 204 |
| Decimal | 16766668 |
| CIE Lab | 88.79, 12.79, 10.27 |
| CIE LCh | 89, 16.405, 38.749 |
| Yxy | 73.7128, 0.3507, 0.3393 |
| Android (android.graphics.Color) | 4294956748 (0xFFFFD6CC) |
| YUV | 225.1190, -10.4117, 26.2056 |
| Hunter-Lab | 85.8562, 8.1463, 13.5966 |

Details

The XYZ color **76.1857, 73.7128, 67.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6033, 85.3596, 107.0991**, and the grayscale version is **71.7137, 75.4484, 82.1633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1919, 39.0040, 34.2116** is the 20% darker color. If you saturate the color by 10%, you get **68.5090, 62.8598, 50.9063**, and if you desaturate by 10%, it is **85.0195, 86.0781, 86.6302**.

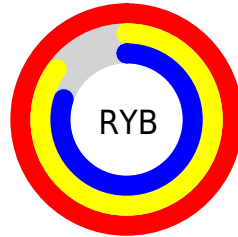
Distribution



Red (100%)

Green (84%)

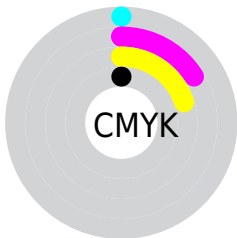
Blue (80%)



Red (100%)

Yellow (85%)

Blue (80%)

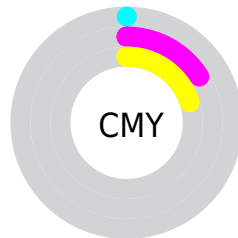


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1857, 73.7128, 67.3393 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 76.1857, 73.7128, 67.3393 by changing the saturation by 10% instead.


 76.1857, 73.7128,
67.3393

 76.1857, 73.7128,
67.3393


470.9178,
473.4816, 469.6859

 56.8824, 54.5590,
48.8971


126.9683,
124.4886, 117.0517

 41.1506, 39.0488,
34.1728


159.1783,
156.8794, 149.1590

 28.6250, 26.7977,
22.7480


196.4213,
194.4513, 186.6584

 18.9401, 17.4213,
14.2040

239.0626,
237.5887, 229.9684

 11.7308, 10.5353,
8.1223

287.4675,
286.6761, 279.5077

 6.6315, 5.7553,
4.0844

342.0014,

 3.2770, 2.6969,

342.0977, 335.6946

1.6718

403.0297,
404.2381, 398.9479

■ 1.3019, 0.9756,
0.3413

■ 0.1846, 0.0000,
0.0000

■ 76.1857, 73.7128,
67.3393

■ 76.1857, 73.7128,
67.3393

■ 68.5090, 62.8598,
50.9063

■ 85.0195, 86.0781,
86.6302

■ 61.9356, 53.4514,
37.1905

95.0500, 100.0000,
108.9000

■ 56.4153, 45.4290,
26.0457

■ 51.8918, 38.7263,
17.3107

■ 48.3032, 33.2712,
10.8054

■ 45.5805, 28.9848,
6.3244

■ 43.6440, 25.7785,
3.6238

■ 42.3817, 23.5434,
2.3106

■ 42.3817, 23.5433,
2.3106

Harmonies

Analogous

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



77.8810, 73.7128, 76.9808



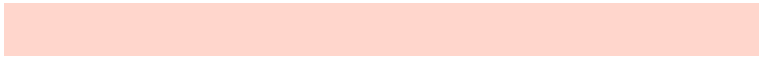
76.1857, 73.7128, 67.3393



72.8653, 73.7128, 61.5600

Triad

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



76.1857, 73.7128, 67.3393



63.1851, 73.7128, 72.5944



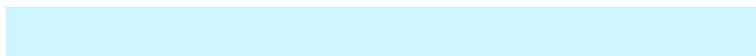
71.2294, 73.7128, 103.8666

Complementary

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



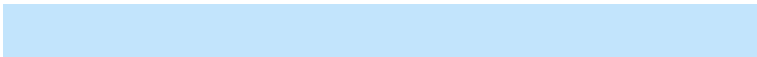
76.1857, 73.7128, 67.3393



75.6033, 85.3596, 107.0991

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.



67.3311, 73.7128, 102.4102



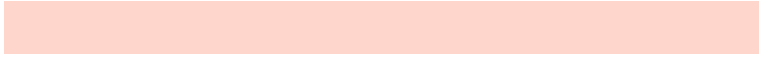
76.1857, 73.7128, 67.3393



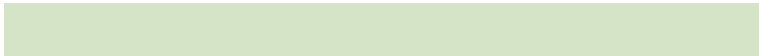
62.7843, 73.7128, 83.6325

Square

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



76.1857, 73.7128, 67.3393



65.3914, 73.7128, 64.3888



64.2752, 73.7128, 94.7376



74.9495, 73.7128, 98.5475

Rectangle

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



76.1857, 73.7128, 67.3393



70.2286, 73.7128, 60.3270



64.2752, 73.7128, 94.7376



69.8953, 73.7128, 104.1628

Sweetspot

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



76.1874, 73.7160, 67.3408



88.8850, 91.4561, 95.1727



79.4141, 71.0788, 96.4416



18.8871, 19.3837, 20.0652



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

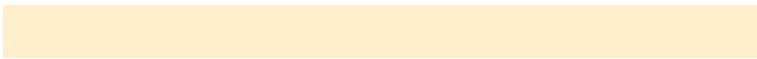
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1874, 73.7160, 67.3408



72.9798, 69.1953, 60.4308



82.9620, 87.2652, 69.5990



18.2978, 18.5638, 18.7631



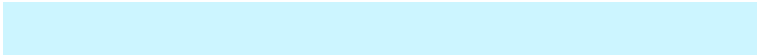
22.2266, 12.4645, 1.2344



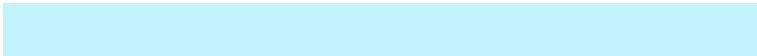
2.2358, 1.3570, 0.1441

Inverse Universe

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



75.6033, 85.3596, 107.0991



72.2956, 82.7605, 106.7717



68.5851, 71.3233, 104.7597



18.2343, 19.8402, 23.1184



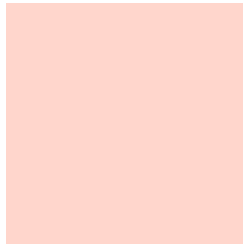
20.9428, 26.7952, 53.5028



2.1128, 2.7563, 5.2339

Previews

White Background



This preview shows how the XYZ color 76.1857, 73.7128, 67.3393 looks on a white background.

Color Contrast Check

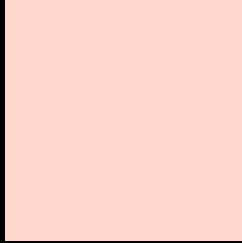
Large Text (above 18pt) WCAG AA × Fail

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 76.1857, 73.7128, 67.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

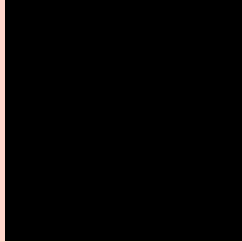
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1857, 73.7128, 67.3393

Background



This preview shows how black text looks on a background with the XYZ color 76.1857, 73.7128, 67.3393.



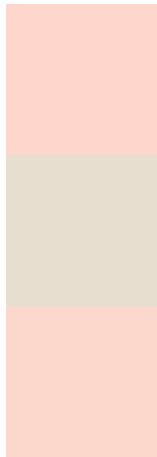
This preview shows how white text looks on a background with the XYZ color 76.1857, 73.7128,

67.3393.

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

76.1857, 73.7128, 67.3393

Protanopia

70.4614, 73.7855, 70.2028

Deuteranopia

75.3444, 73.6560, 67.3727



Tritanopia

78.6486, 73.8930, 82.7906

Trichromacy



Original Color

76.1857, 73.7128, 67.3393

Protanomaly

72.5292, 73.6933, 69.4330

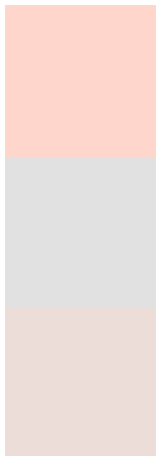
Deuteranomaly

75.7075, 73.8432, 67.3897

Tritanomaly

77.8204, 73.9630, 77.1925

Monochromacy



Original Color

76.1857, 73.7128, 67.3393

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.9729, 74.5555, 76.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1857, 73.7128, 67.3393 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, 214, 204) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 204)  
}
```

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, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 204) }
```

Border

The CSS property to change the border of an element to XYZ 76.1857, 73.7128, 67.3393 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, 214, 204) }
```


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

```
.border{ border-color:rgb(255, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1857, 73.7128, 67.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 204) }
```

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

```
.background{ background-color: rgb(255,  
214, 204) }
```

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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