

Converting Colors

XYZ(86.8367, 78.8675, 68.2047)

Have a look what the booklet for
XYZ(86.8367, 78.8675, 68.2047)
contains.

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Color

**XYZ(76.0537, 73.2563,
67.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5CD
RGB	255, 213, 205
RGB Percent	100%, 84%, 80%
CMY	0.0000, 0.1647, 0.1961
CMYK	0.00, 0.16, 0.20, 0.00
HSL	10°, 100%, 90%
HSV	10°, 20%, 100%
XYZ	76.0537, 73.2563, 67.8890
YIQ	224.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

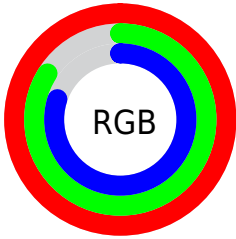
Format	Color
R _Y B	255, 215, 205
Decimal	16766413
CIE Lab	88.57, 13.46, 9.43
CIE LCh	89, 16.435, 35.020
Yxy	73.2563, 0.3502, 0.3373
Android (android.graphics.Color)	4294956493 (0xFFFFD5CD)
YUV	224.6460, -9.6855, 26.6205
Hunter-Lab	85.5899, 8.8297, 12.8847

Details

The XYZ color **76.0537, 73.2563, 67.8890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4866, 86.7180, 107.3147**, and the grayscale version is **71.3689, 75.0856, 81.7682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1015, 38.6939, 34.5805** is the 20% darker color. If you saturate the color by 10%, you get **68.1870, 62.0539, 51.2980**, and if you desaturate by 10%, it is **85.1371, 86.0886, 87.3623**.

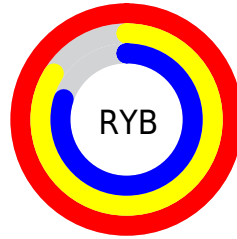
Distribution



Red (100%)

Green (84%)

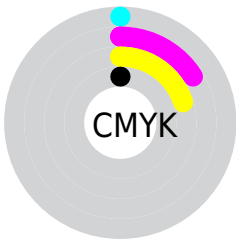
Blue (80%)



Red (100%)

Yellow (84%)

Blue (80%)

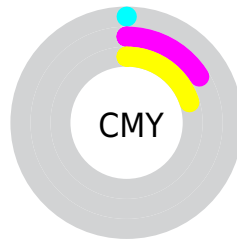


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0537, 73.2563, 67.8890 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 76.0537, 73.2563, 67.8890 by changing the saturation by 10% instead.


 76.0537, 73.2563,
67.8890

 76.0537, 73.2563,
67.8890

470.4731,
471.9026, 471.6900

 56.7738, 54.1856,
49.3413


126.7828,
123.8410, 117.8460

 41.0631, 38.7500,
34.5228


158.9626,
156.1237, 150.0925

 28.5562, 26.5653,
23.0149


196.1731,
193.5793, 187.7423

 18.8880, 17.2470,
14.3991

238.7796,
236.5920, 231.2139

 11.6929, 10.4108,
8.2569

287.1475,
285.5463, 280.9260

 6.6056, 5.6722,
4.1696

341.6422,

 3.2608, 2.6468,

340.8266, 337.2970

1.7189

402.6289,
402.8172, 400.7455

■ 1.2932, 0.9502,
0.3736

■ 0.1781, 0.0000,
0.0000

■ 76.0537, 73.2563,
67.8890

■ 76.0537, 73.2563,
67.8890

■ 68.1870, 62.0539,
51.2980

■ 85.1371, 86.0886,
87.3623

■ 61.4797, 52.4069,
37.4477

95.0500, 100.0000,
108.9000

■ 55.8779, 44.2488,
26.1914

■ 51.3212, 37.5051,
17.3666

■ 47.7430, 32.0943,
10.7929

■ 45.0693, 27.9267,
6.2640

■ 43.2143, 24.9012,
3.5357

■ 42.0617, 22.8946,
2.2310

■ 42.0269, 22.8338,
2.1923

Harmonies

Analogous

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



77.4943, 73.2563, 77.8699



76.0537, 73.2563, 67.8890



72.8942, 73.2563, 61.5795

Triad

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



76.0537, 73.2563, 67.8890



62.9494, 73.2563, 70.9019



70.2966, 73.2563, 103.5266

Complementary

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



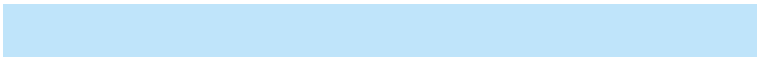
76.0537, 73.2563, 67.8890



76.4866, 86.7180, 107.3147

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.



66.4607, 73.2563, 101.2156



76.0537, 73.2563, 67.8890



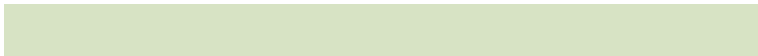
62.3127, 73.2563, 81.6878

Square

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



76.0537, 73.2563, 67.8890



65.3478, 73.2563, 63.1999



63.5747, 73.2563, 92.9480



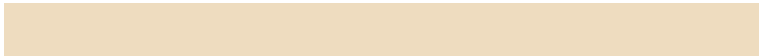
74.0910, 73.2563, 98.9947

Rectangle

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



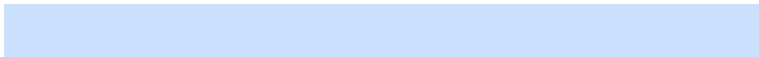
76.0537, 73.2563, 67.8890



70.2912, 73.2563, 59.9462



63.5747, 73.2563, 92.9480



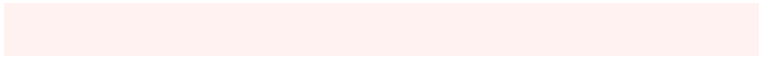
68.9689, 73.2563, 103.5282

Sweetspot

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



76.0555, 73.2595, 67.8905



88.7203, 91.1268, 95.1178



79.9375, 71.6697, 98.0214



18.8483, 19.3061, 20.0523



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.



76.0555, 73.2595, 67.8905



72.4526, 68.1410, 60.2551



82.6889, 86.5265, 70.1017



18.2442, 18.4566, 18.7452



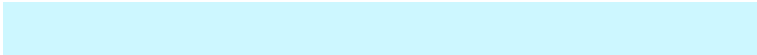
22.0289, 12.0690, 1.1685



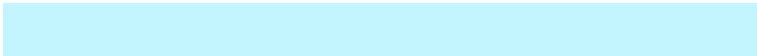
2.2089, 1.3032, 0.1351

Inverse Universe

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



76.4866, 86.7180, 107.3147



72.9604, 84.0899, 106.9933



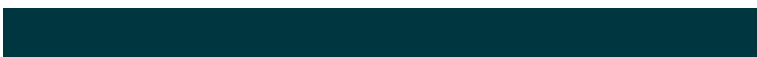
69.4818, 72.7084, 104.9798



18.2927, 19.9569, 23.1379



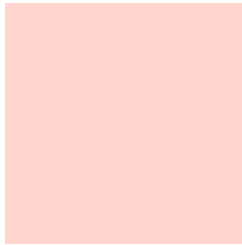
22.1120, 29.1336, 53.8925



2.2163, 2.9634, 5.2684

Previews

White Background



This preview shows how the XYZ color 76.0537, 73.2563, 67.8890 looks on a white background.

Color Contrast Check

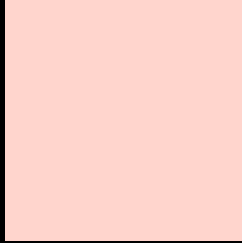
Large Text (above 18pt) WCAG AA × Fail

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 76.0537, 73.2563, 67.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

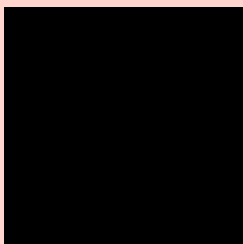
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0537, 73.2563, 67.8890

Background



This preview shows how black text looks on a background with the XYZ color 76.0537, 73.2563, 67.8890.



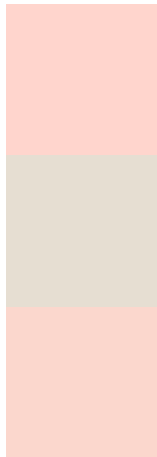
This preview shows how white text looks on a background with the XYZ color 76.0537, 73.2563,

67.8890.

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

76.0537, 73.2563, 67.8890

Protanopia

70.3873, 73.7187, 71.4921

Deuteranopia

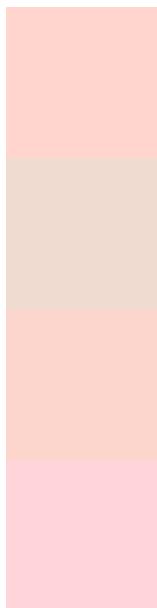
75.1035, 73.5179, 67.9896



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

76.0537, 73.2563, 67.8890

Protanomaly

72.3133, 73.5678, 70.0632

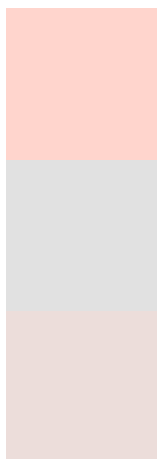
Deuteranomaly

75.2109, 73.1964, 67.9219

Tritanomaly

77.4384, 73.4089, 76.4176

Monochromacy



Original Color

76.0537, 73.2563, 67.8890

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.1034, 74.6077, 76.8774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0537, 73.2563, 67.8890 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, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 205)  
}
```

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, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 205) }
```

Border

The CSS property to change the border of an element to XYZ 76.0537, 73.2563, 67.8890 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, 213, 205) }
```


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

```
.border{ border-color:rgb(255, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0537, 73.2563, 67.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 205) }
```

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

```
.background{ background-color: rgb(255,  
213, 205) }
```

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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