

Converting Colors

XYZ(72.1078, 68.5020, 56.9012)

Have a look what the booklet for
XYZ(72.1078, 68.5020, 56.9012)
contains.

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Color

**XYZ(72.1484, 68.5535,
57.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDBC
RGB	255, 205, 188
RGB Percent	100%, 80%, 74%
CMY	0.0000, 0.1961, 0.2627
CMYK	0.00, 0.20, 0.26, 0.00
HSL	15°, 100%, 87%
HSV	15°, 26%, 100%
XYZ	72.1484, 68.5535, 57.0065
YIQ	218.0120, 35.2570, 5.3130

Conversions

Conversions Part 2

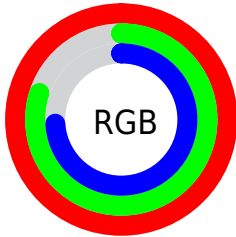
Format	Color
R _Y B	255, 211, 188
Decimal	16764348
CIE Lab	86.28, 15.23, 15.15
CIE LCh	86, 21.487, 44.850
Yxy	68.5535, 0.3649, 0.3467
Android (android.graphics.Color)	4294954428 (0xFFFFCDBC)
YUV	218.0120, -14.7959, 32.4385
Hunter-Lab	82.7970, 10.6480, 17.1362

Details

The XYZ color **72.1484, 68.5535, 57.0065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3626, 79.0579, 106.2116**, and the grayscale version is **66.7321, 70.2074, 76.4558**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **38.4657, 35.7528, 27.7953** is the 20% darker color. If you saturate the color by 10%, you get **65.3607, 58.9953, 42.3590**, and if you desaturate by 10%, it is **79.9789, 79.4194, 74.3993**.

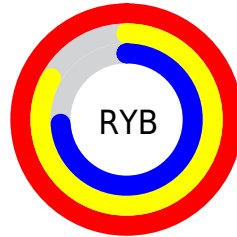
Distribution



Red (100%)

Green (80%)

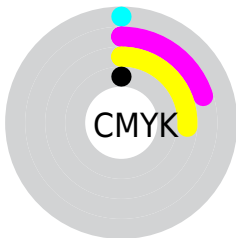
Blue (74%)



Red (100%)

Yellow (83%)

Blue (74%)

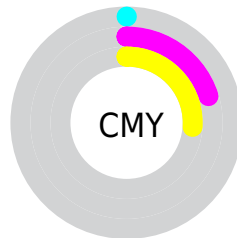


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1484, 68.5535, 57.0065 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 72.1484, 68.5535, 57.0065 by changing the saturation by 10% instead.


 72.1484, 68.5535,
57.0065

 72.1484, 68.5535,
57.0065


457.2076,
455.4546, 430.9681

 53.5658, 50.3482,
40.6011


 121.2772,
117.1436, 101.9751

 38.4839, 35.6901,
27.6901


152.5540,
148.2972, 131.3753

 26.5374, 24.1950,
17.8552


188.7930,
184.5356, 165.9443

 17.3609, 15.4783,
10.6777

230.3595,
226.2433, 206.1004

 10.5890, 9.1558,
5.7391

277.6189,
273.8047, 252.2623

 5.8565, 4.8429,
2.6209

330.9364,

 2.7978, 2.1554,

327.6041, 304.8486

0.9032

390.6776,
388.0259, 364.2776

■ 1.0478, 0.6955,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1484, 68.5535,
57.0065

■ 72.1484, 68.5535,
57.0065

■ 65.3607, 58.9953,
42.3590

■ 79.9789, 79.4194,
74.3993

■ 59.5652, 50.6855,
30.3114

■ 88.8894, 91.6305,
94.6641

■ 54.7147, 43.5744,
20.7111

95.0500, 100.0000,
108.9000

■ 50.7562, 37.6047,
13.3877

■ 47.6305, 32.7148,
8.1490

■ 45.2707, 28.8361,
4.7701

■ 43.5972, 25.8912,
2.9725

■ 43.1143, 25.0087,
2.5548

Harmonies

Analogous

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



74.8076, 68.5535, 67.8663



72.1484, 68.5535, 57.0065



67.6798, 68.5535, 51.2825

Triad

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



72.1484, 68.5535, 57.0065



56.3879, 68.5535, 67.7370



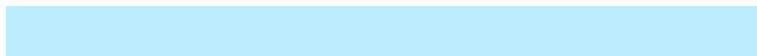
67.6304, 68.5535, 104.2448

Complementary

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



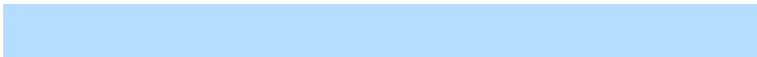
72.1484, 68.5535, 57.0065



69.3626, 79.0579, 106.2116

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.



62.6998, 68.5535, 104.1987



72.1484, 68.5535, 57.0065



56.3762, 68.5535, 81.8567

Square

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



72.1484, 68.5535, 57.0065



58.6673, 68.5535, 56.9222



58.6345, 68.5535, 95.5869



72.1107, 68.5535, 95.7060

Rectangle

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



72.1484, 68.5535, 57.0065



64.3558, 68.5535, 50.6231



58.6345, 68.5535, 95.5869



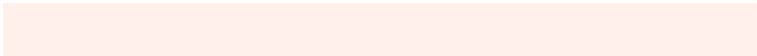
65.9669, 68.5535, 105.2647

Sweetspot

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



72.1501, 68.5566, 57.0079



87.2723, 89.4244, 90.9555



74.6930, 63.4149, 89.3855



18.3840, 18.7362, 18.7918



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.



72.1501, 68.5566, 57.0079



68.1381, 62.9255, 48.2930



80.9648, 86.1859, 59.9461



18.3840, 18.7362, 18.7918



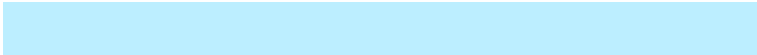
22.6280, 13.2672, 1.3682



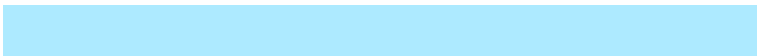
2.2861, 1.4576, 0.1608

Inverse Universe

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



69.3626, 79.0579, 106.2116



64.8774, 75.1604, 105.6957



60.5613, 61.4553, 103.2779



18.1416, 19.6548, 23.0875



19.2104, 23.3303, 52.9253



1.9578, 2.4462, 5.1823

Previews

White Background



This preview shows how the XYZ color 72.1484, 68.5535, 57.0065 looks on a white background.

Color Contrast Check

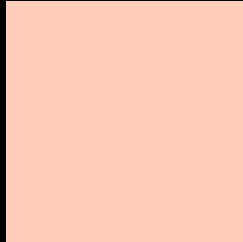
Large Text (above 18pt) WCAG AA × Fail

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 72.1484, 68.5535, 57.0065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

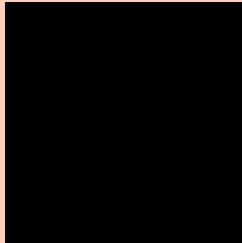
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1484, 68.5535, 57.0065

Background



This preview shows how black text looks on a background with the XYZ color 72.1484, 68.5535, 57.0065.

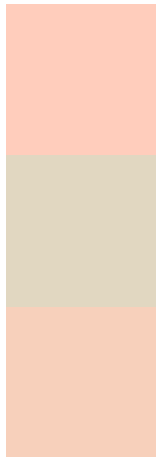


This preview shows how white text looks on a background with the XYZ color 72.1484, 68.5535,

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

72.1484, 68.5535, 57.0065

Protanopia

64.9774, 68.4587, 60.2412

Deuteranopia

69.8833, 68.4738, 56.5472



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

72.1484, 68.5535, 57.0065

Protanomaly

67.2903, 68.1830, 58.9043

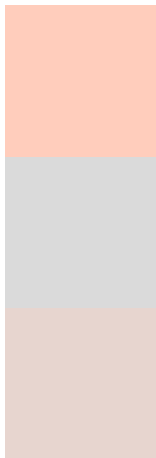
Deuteranomaly

70.7068, 68.5375, 56.5161

Tritanomaly

73.7365, 68.4281, 67.7141

Monochromacy



Original Color

72.1484, 68.5535, 57.0065

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.0117, 69.0824, 68.7811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1484, 68.5535, 57.0065 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, 205, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 188)  
}
```

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, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 188) }
```

Border

The CSS property to change the border of an element to XYZ 72.1484, 68.5535, 57.0065 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, 205, 188) }
```


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

```
.border{ border-color:rgb(255, 205, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1484, 68.5535, 57.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 188) }
```

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

```
.background{ background-color: rgb(255,  
205, 188) }
```

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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