

Converting Colors

XYZ(72.3559, 72.3764, 60.4744)

Have a look what the booklet for
XYZ(72.3559, 72.3764, 60.4744)
contains.

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Color

**XYZ(72.2838, 72.2253,
60.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D7C1
RGB	247, 215, 193
RGB Percent	97%, 84%, 76%
CMY	0.0314, 0.1568, 0.2431
CMYK	0.00, 0.13, 0.22, 0.03
HSL	24°, 77%, 86%
HSV	24°, 22%, 97%
XYZ	72.2838, 72.2253, 60.5832
YIQ	222.0600, 26.1340, -0.0580

Conversions

Conversions Part 2

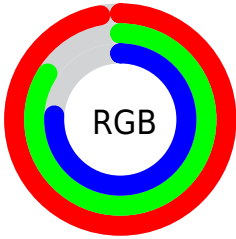
Format	Color
R _Y B	247, 230, 193
Decimal	16242625
CIE Lab	88.08, 7.78, 14.94
CIE LCh	88, 16.851, 62.487
Yxy	72.2253, 0.3524, 0.3522
Android (android.graphics.Color)	4294432705 (0xFFFF7D7C1)
YUV	222.0600, -14.3266, 21.8724
Hunter-Lab	84.9855, 3.0974, 17.2240

Details

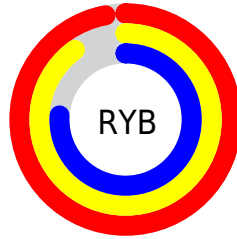
The XYZ color **72.2838, 72.2253, 60.5832** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7054, 71.9013, 98.4112**, and the grayscale version is **69.5602, 73.1828, 79.6960**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.4662, 37.9528, 29.7243** is the 20% darker color. If you saturate the color by 10%, you get **66.1943, 64.0934, 46.0758**, and if you desaturate by 10%, it is **79.1708, 81.2145, 77.6284**.

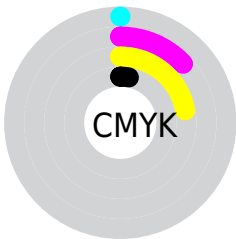
Distribution



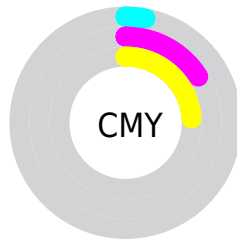
- Red (97%)
- Green (84%)
- Blue (76%)



- Red (97%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2838, 72.2253, 60.5832 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 72.2838, 72.2253, 60.5832 by changing the saturation by 10% instead.


 72.2838, 72.2253,
60.5832

 72.2838, 72.2253,
60.5832


457.6711,
468.3254, 444.6083

 53.6768, 53.3427,
43.4605


 121.4686,
122.3768, 107.2268

 38.5730, 38.0764,
29.9125


152.7771,
154.4145, 137.5849

 26.6069, 26.0420,
19.5207


189.0501,
191.6061, 173.1918

 17.4133, 16.8551,
11.8665

230.6531,
234.3359, 214.4661

 10.6267, 10.1312,
6.5314

277.9513,
282.9883, 261.8264

 5.8819, 5.4861,
3.0969

331.3101,

 2.8134, 2.5352,

337.9478, 315.6911

1.1443

391.0950,
399.5987, 376.4789

■ 1.0558, 0.8942,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2838, 72.2253,
60.5832

■ 72.2838, 72.2253,
60.5832

■ 66.1943, 64.0934,
46.0758

■ 79.1708, 81.2145,
77.6284

■ 60.8650, 56.7826,
33.9784

■ 86.8790, 91.0766,
97.3216

■ 56.2639, 50.2681,
24.1591

■ 92.1679, 98.5142,
108.7651

■ 52.3543, 44.5200,
16.4710

■ 49.0958, 39.5063,
10.7500

■ 46.4427, 35.1920,
6.8076

■ 44.3415, 31.5380,
4.4170

■ 42.9779, 29.0143,
3.3351

Harmonies

Analogous

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



75.3820, 72.2253, 67.3318



72.2838, 72.2253, 60.5832



68.3128, 72.2253, 58.5191

Triad

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



72.2838, 72.2253, 60.5832



61.2060, 72.2253, 79.6065



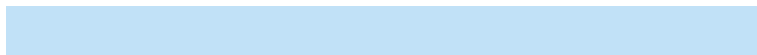
72.8873, 72.2253, 98.8478

Complementary

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



72.2838, 72.2253, 60.5832



65.7054, 71.9013, 98.4112

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.



68.9842, 72.2253, 102.9160



72.2838, 72.2253, 60.5832



62.3274, 72.2253, 91.1507

Square

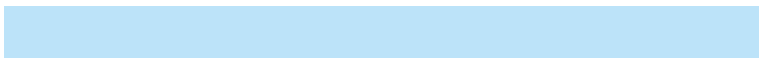
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2838, 72.2253, 60.5832



62.0132, 72.2253, 68.8445



65.1362, 72.2253, 99.9719



75.7399, 72.2253, 89.3255

Rectangle

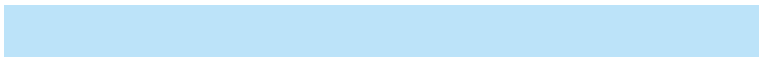
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2838, 72.2253, 60.5832



65.7316, 72.2253, 59.8959



65.1362, 72.2253, 99.9719



71.6494, 72.2253, 100.9384

Sweetspot

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



72.2857, 72.2286, 60.5847



89.0264, 92.3400, 93.3669



71.0736, 63.3730, 80.0075



18.9486, 19.6279, 19.7121



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.



72.2857, 72.2286, 60.5847



74.8763, 73.8881, 58.2890



79.6171, 86.8912, 63.0285



17.0536, 17.5913, 17.2942



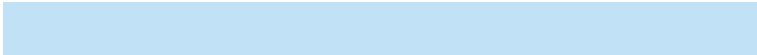
22.8607, 15.6070, 1.8076



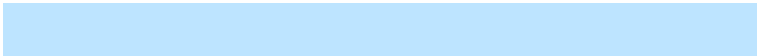
2.1075, 1.5683, 0.1916

Inverse Universe

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



65.7054, 71.9013, 98.4112



66.7006, 73.4778, 105.2749



59.0673, 58.6251, 96.1985



16.3975, 17.5592, 21.0676



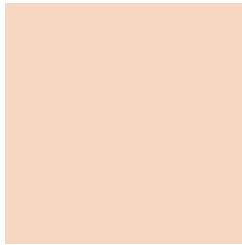
14.4866, 14.7669, 48.6248



1.3741, 1.4996, 4.3073

Previews

White Background



This preview shows how the XYZ color 72.2838, 72.2253, 60.5832 looks on a white background.

Color Contrast Check

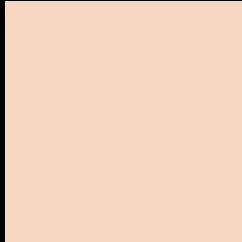
Large Text (above 18pt) WCAG AA × Fail

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 72.2838, 72.2253, 60.5832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

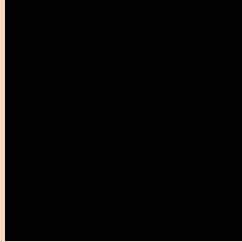
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2838, 72.2253, 60.5832

Background



This preview shows how black text looks on a background with the XYZ color 72.2838, 72.2253, 60.5832.



This preview shows how white text looks on a background with the XYZ color 72.2838, 72.2253,

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

72.2838, 72.2253, 60.5832

Protanopia

68.5120, 72.1608, 62.5420

Deuteranopia

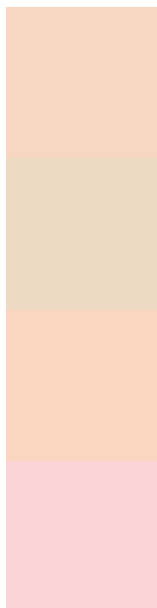
73.5648, 72.1342, 60.4981



Tritanopia

76.6954, 72.1485, 82.5568

Trichromacy



Original Color

72.2838, 72.2253, 60.5832

Protanomaly

69.8468, 72.0875, 61.8627

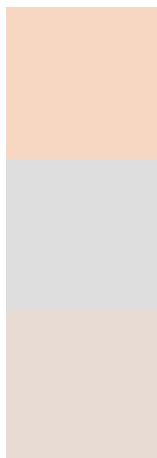
Deuteranomaly

73.0965, 72.2674, 60.5485

Tritanomaly

75.2336, 72.3173, 74.2834

Monochromacy



Original Color

72.2838, 72.2253, 60.5832

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.0444, 72.3551, 71.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2838, 72.2253, 60.5832 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(247, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 193)  
}
```

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(247, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 193) }
```

Border

The CSS property to change the border of an element to XYZ 72.2838, 72.2253, 60.5832 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(247, 215, 193) }
```


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

```
.border{ border-color:rgb(247, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 215,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2838, 72.2253, 60.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 215, 193) }
```

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

```
.background{ background-color: rgb(247,  
215, 193) }
```

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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