

Converting Colors

XYZ(70.8021, 70.6954, 58.0587)

Have a look what the booklet for
XYZ(70.8021, 70.6954, 58.0587)
contains.

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Color

**XYZ(70.9856, 70.8555,
58.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5BD
RGB	246, 213, 189
RGB Percent	96%, 84%, 74%
CMY	0.0353, 0.1647, 0.2588
CMYK	0.00, 0.13, 0.23, 0.04
HSL	25°, 76%, 85%
HSV	25°, 23%, 96%
XYZ	70.9856, 70.8555, 58.0792
YIQ	220.1310, 27.3720, -0.4680

Conversions

Conversions Part 2

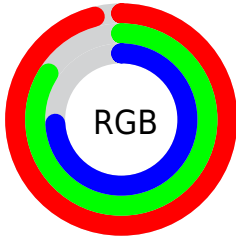
Format	Color
R _Y B	246, 230, 189
Decimal	16176573
CIE Lab	87.41, 7.89, 16.10
CIE LCh	87, 17.931, 63.896
Yxy	70.8555, 0.3551, 0.3544
Android (android.graphics.Color)	4294366653 (0xFFFF6D5BD)
YUV	220.1310, -15.3476, 22.6871
Hunter-Lab	84.1757, 3.2220, 18.0143

Details

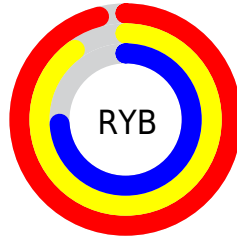
The XYZ color **70.9856, 70.8555, 58.0792** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7415, 69.7132, 97.2856**, and the grayscale version is **68.2110, 71.7632, 78.1502**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **37.6571, 37.0501, 28.4592** is the 20% darker color. If you saturate the color by 10%, you get **65.1130, 63.0271, 44.0460**, and if you desaturate by 10%, it is **77.6294, 79.5005, 74.6055**.

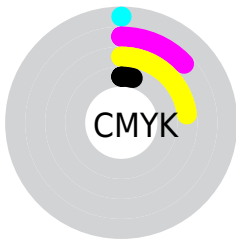
Distribution



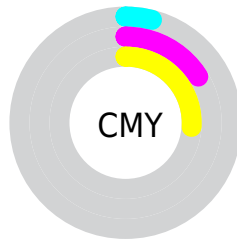
- Red (96%)
- Green (84%)
- Blue (74%)



- Red (96%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9856, 70.8555, 58.0792 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 70.9856, 70.8555, 58.0792 by changing the saturation by 10% instead.


 70.9856, 70.8555,
58.0792

 70.9856, 70.8555,
58.0792


453.2157,
463.5481, 435.0875

 52.6129, 52.2243,
41.4572


 119.6318,
120.4280, 103.5541

 37.7201, 37.1839,
28.3541


150.6361,
152.1380, 133.2441

 25.9418, 25.3499,
18.3514


186.5817,
188.9764, 168.1271

 16.9125, 16.3379,
11.0305

227.8339,
231.3276, 208.6218

 10.2671, 9.7636,
5.9729

274.7580,
279.5760, 255.1466

 5.6400, 5.2425,
2.7601

327.7194,

 2.6660, 2.3902,

334.1059, 308.1202

0.9735

387.0836,
395.3019, 367.9609

■ 0.9797, 0.8209,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.9856, 70.8555,
58.0792

■ 70.9856, 70.8555,
58.0792

■ 65.1130, 63.0271,
44.0460

■ 77.6294, 79.5005,
74.6055

■ 59.9752, 55.9806,
32.3786

■ 85.0678, 88.9766,
93.7350

■ 55.5408, 49.6923,
22.9448

■ 91.8162, 98.3329,
108.7487

■ 51.7736, 44.1339,
15.5975

■ 48.6338, 39.2747,
10.1720

■ 46.0762, 35.0813,
6.4776

■ 44.0475, 31.5160,
4.2838

■ 42.9164, 29.4134,
3.4154

Harmonies

Analogous

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



74.3196, 70.8555, 64.8837



70.9856, 70.8555, 58.0792



66.7953, 70.8555, 56.1801

Triad

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



70.9856, 70.8555, 58.0792



59.5588, 70.8555, 78.7419



71.9808, 70.8555, 98.1267

Complementary

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



70.9856, 70.8555, 58.0792



63.7415, 69.7132, 97.2856

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.



67.8997, 70.8555, 102.7787



70.9856, 70.8555, 58.0792



60.8229, 70.8555, 90.8714

Square

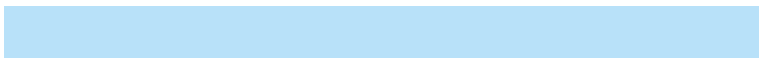
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9856, 70.8555, 58.0792



60.3084, 70.8555, 67.3549



63.8330, 70.8555, 99.9949



74.9109, 70.8555, 87.8506

Rectangle

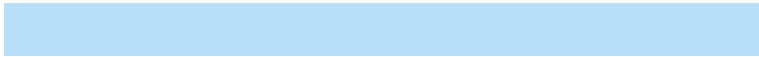
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9856, 70.8555, 58.0792



64.1073, 70.8555, 57.7661



63.8330, 70.8555, 99.9949



70.6920, 70.8555, 100.4462

Sweetspot

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



70.9875, 70.8587, 58.0807



89.0999, 92.4869, 93.3914



69.4226, 61.2762, 77.4522



18.9656, 19.6619, 19.7178



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.



70.9875, 70.8587, 58.0807



73.8129, 72.6300, 55.2565



78.7212, 86.3261, 60.6586



17.0727, 17.6295, 17.3006



23.0387, 15.9631, 1.8669



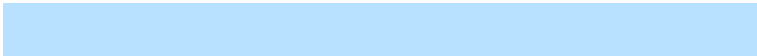
2.1242, 1.6016, 0.1972

Inverse Universe

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



63.7415, 69.7132, 97.2856



64.6279, 71.1739, 104.9394



56.8578, 55.9459, 94.9911



16.3779, 17.5201, 21.0611



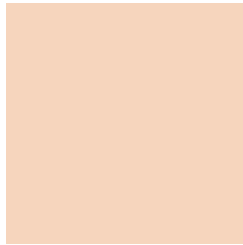
14.2156, 14.2250, 48.5345



1.3510, 1.4533, 4.2996

Previews

White Background



This preview shows how the XYZ color 70.9856, 70.8555, 58.0792 looks on a white background.

Color Contrast Check

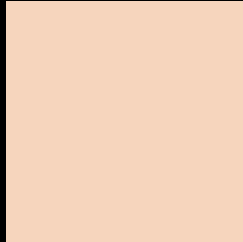
Large Text (above 18pt) WCAG AA × Fail

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 70.9856, 70.8555, 58.0792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

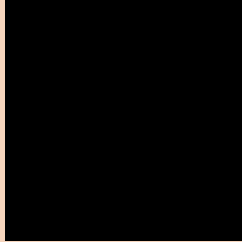
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.9856, 70.8555, 58.0792

Background



This preview shows how black text looks on a background with the XYZ color 70.9856, 70.8555, 58.0792.



This preview shows how white text looks on a background with the XYZ color 70.9856, 70.8555,

58.0792.

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

70.9856, 70.8555, 58.0792

Protanopia

67.1590, 71.1268, 60.0584

Deuteranopia

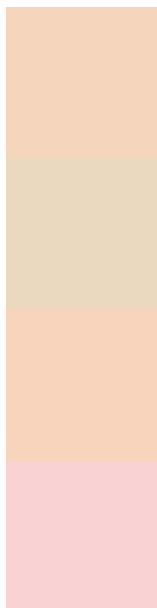
72.2632, 70.7719, 57.9958



Tritanopia

75.4348, 70.8176, 80.2143

Trichromacy



Original Color

70.9856, 70.8555, 58.0792

Protanomaly

68.4778, 71.0495, 59.3950

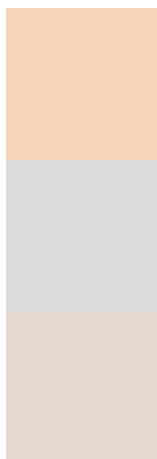
Deuteranomaly

71.7957, 70.9008, 58.0453

Tritanomaly

73.8714, 70.9361, 71.4266

Monochromacy



Original Color

70.9856, 70.8555, 58.0792

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.6346, 70.8872, 70.3868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9856, 70.8555, 58.0792 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(246, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 189)  
}
```

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(246, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 189) }
```

Border

The CSS property to change the border of an element to XYZ 70.9856, 70.8555, 58.0792 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(246, 213, 189) }
```


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

```
.border{ border-color:rgb(246, 213, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9856, 70.8555, 58.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 189) }
```

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

```
.background{ background-color: rgb(246,  
213, 189) }
```

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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