

Converting Colors

XYZ(69.0758, 67.7213, 55.3298)

Have a look what the booklet for
XYZ(69.0758, 67.7213, 55.3298)
contains.

XYZ(69.0758, 67.7213, 55.3298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0758, 67.7213,
55.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CFB9
RGB	246, 207, 185
RGB Percent	96%, 81%, 73%
CMY	0.0353, 0.1882, 0.2745
CMYK	0.00, 0.16, 0.25, 0.04
HSL	22°, 77%, 85%
HSV	22°, 25%, 96%
XYZ	69.0758, 67.7213, 55.3298
YIQ	216.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

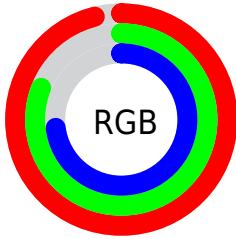
Format	Color
R _Y B	246, 219, 185
Decimal	16175033
CIE Lab	85.87, 10.46, 16.03
CIE LCh	86, 19.142, 56.891
Yxy	67.7213, 0.3595, 0.3525
Android (android.graphics.Color)	4294365113 (0xFFFF6CFB9)
YUV	216.1530, -15.3584, 26.1758
Hunter-Lab	82.2930, 5.8183, 17.7413

Details

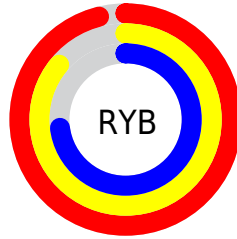
The XYZ color **69.0758, 67.7213, 55.3298** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.2971, 70.2773, 97.4178**, and the grayscale version is **65.4630, 68.8721, 75.0018**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **36.5424, 35.2672, 26.7111** is the 20% darker color. If you saturate the color by 10%, you get **63.0785, 59.5290, 41.6079**, and if you desaturate by 10%, it is **75.9056, 76.8585, 71.5474**.

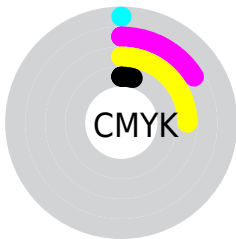
Distribution



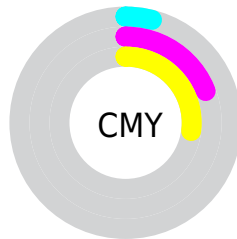
- Red (96%)
- Green (81%)
- Blue (73%)



- Red (96%)
- Yellow (86%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0758, 67.7213, 55.3298 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 69.0758, 67.7213, 55.3298 by changing the saturation by 10% instead.


 69.0758, 67.7213,
55.3298

 69.0758, 67.7213,
55.3298


446.6155,
452.5079, 424.4780

 51.0503, 49.6710,
39.2655


 116.9233,
115.9534, 99.5000

 36.4699, 35.1521,
26.6569


147.4760,
146.9039, 128.4429

 24.9691, 23.7800,
17.0855


182.9352,
182.9234, 162.5158

 16.1826, 15.1705,
10.1329

223.6662,
224.3962, 202.1371

 9.7451, 8.9392,
5.3804

270.0344,
271.7066, 247.7254

 5.2913, 4.7015,
2.4095

322.4051,

 2.4557, 2.0732,

325.2391, 299.6994

0.7916

381.1437,
385.3781, 358.4774

■ 0.8730, 0.6495,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0758, 67.7213,
55.3298

■ 69.0758, 67.7213,
55.3298

■ 63.0785, 59.5290,
41.6079

■ 75.9056, 76.8585,
71.5474

■ 57.8741, 52.2411,
30.2519

■ 83.5945, 86.9611,
90.3732

■ 53.4276, 45.8273,
21.1268

■ 91.5563, 97.8132,
108.6620

■ 49.6990, 40.2522,
14.0817

■ 91.8161, 98.3329,
108.7487

■ 46.6441, 35.4776,
8.9471

■ 44.2127, 31.4615,
5.5259

■ 42.3453, 28.1570,
3.5771

■ 41.5571, 26.6947,
2.9623

Harmonies

Analogous

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



72.1708, 67.7213, 63.3613



69.0758, 67.7213, 55.3298



64.8247, 67.7213, 52.1880

Triad

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



69.0758, 67.7213, 55.3298



56.3218, 67.7213, 72.4370



68.2501, 67.7213, 97.3972

Complementary

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



69.0758, 67.7213, 55.3298



63.2971, 70.2773, 97.4178

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.



63.9115, 67.7213, 100.5257



69.0758, 67.7213, 55.3298



57.1472, 67.7213, 85.1878

Square

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



69.0758, 67.7213, 55.3298



57.5700, 67.7213, 61.3361



59.8773, 67.7213, 95.8314



71.6791, 67.7213, 87.7059

Rectangle

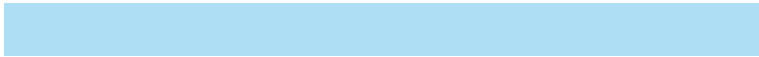
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0758, 67.7213, 55.3298



61.9520, 67.7213, 52.9899



59.8773, 67.7213, 95.8314



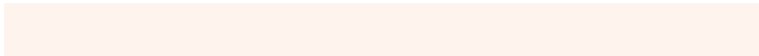
66.8441, 67.7213, 99.2956

Sweetspot

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



69.0776, 67.7244, 55.3312



88.7752, 91.8376, 93.2832



68.8984, 59.7087, 78.8782



18.8905, 19.5117, 19.6928



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

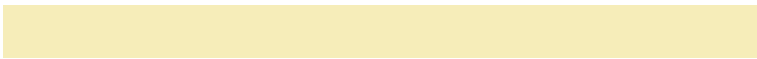
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0776, 67.7244, 55.3312



71.4207, 68.6836, 51.8761



77.0042, 83.5776, 57.9734



16.9884, 17.4610, 17.2725



22.3023, 14.4902, 1.6214



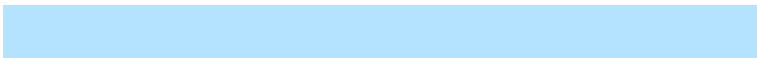
2.0540, 1.4613, 0.1738

Inverse Universe

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



63.2971, 70.2773, 97.4178



64.1046, 71.9034, 105.1078



55.9681, 55.6194, 94.9748



16.4646, 17.6936, 21.0900



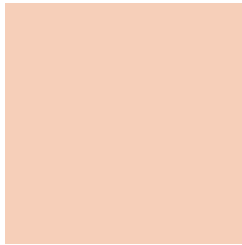
15.4755, 16.7448, 48.9545



1.4574, 1.6662, 4.3350

Previews

White Background



This preview shows how the XYZ color 69.0758, 67.7213, 55.3298 looks on a white background.

Color Contrast Check

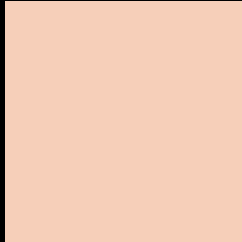
Large Text (above 18pt) WCAG AA × Fail

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 69.0758, 67.7213, 55.3298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

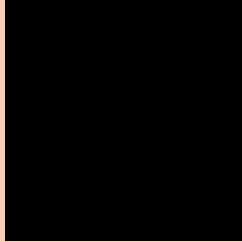
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0758, 67.7213, 55.3298

Background



This preview shows how black text looks on a background with the XYZ color 69.0758, 67.7213, 55.3298.



This preview shows how white text looks on a background with the XYZ color 69.0758, 67.7213,

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

69.0758, 67.7213, 55.3298

Protanopia

64.2832, 67.7748, 57.8379

Deuteranopia

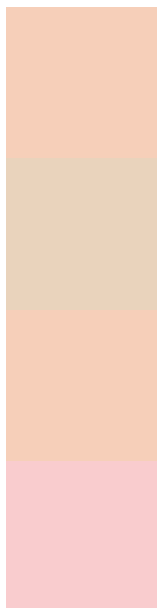
69.0758, 67.7213, 55.3298



Tritanopia

73.1998, 67.6270, 75.5249

Trichromacy



Original Color

69.0758, 67.7213, 55.3298

Protanomaly

65.9756, 67.5430, 57.1368

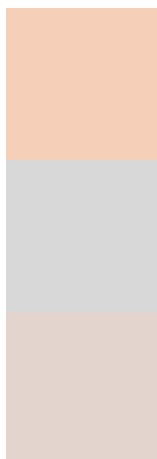
Deuteranomaly

69.0758, 67.7213, 55.3298

Tritanomaly

71.8004, 67.7817, 67.6914

Monochromacy



Original Color

69.0758, 67.7213, 55.3298

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.4922, 68.3272, 67.4416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0758, 67.7213, 55.3298 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, 207, 185) looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 185)  
}
```

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, 207, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 185) }
```

Border

The CSS property to change the border of an element to XYZ 69.0758, 67.7213, 55.3298 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, 207, 185) }
```


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

```
.border{ border-color:rgb(246, 207, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 207, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 185);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0758, 67.7213, 55.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 185) }
```

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

```
.background{ background-color: rgb(246,  
207, 185) }
```

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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