

Converting Colors

XYZ(69.8015, 71.0202, 55.4675)

Have a look what the booklet for XYZ(69.8015, 71.0202, 55.4675) contains.

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Color

**XYZ(69.9143, 71.1163,
55.3893)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D7B8
RGB	243, 215, 184
RGB Percent	95%, 84%, 72%
CMY	0.0471, 0.1568, 0.2784
CMYK	0.00, 0.12, 0.24, 0.05
HSL	32°, 71%, 84%
HSV	32°, 24%, 95%
XYZ	69.9143, 71.1163, 55.3893
YIQ	219.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

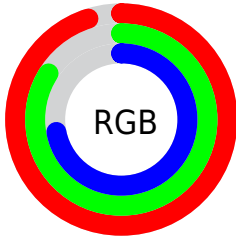
Format	Color
R _Y B	237, 243, 184
Decimal	15980472
CIE Lab	87.54, 5.05, 18.86
CIE LCh	88, 19.528, 75.014
Yxy	71.1163, 0.3559, 0.3621
Android (android.graphics.Color)	4294170552 (0xFFFF3D7B8)
YUV	219.8380, -17.6681, 20.3131
Hunter-Lab	84.3305, 0.4073, 20.0889

Details

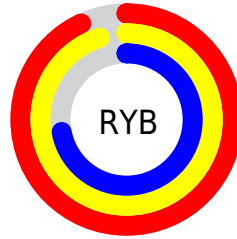
The XYZ color **69.9143, 71.1163, 55.3893** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.4877, 63.7465, 93.9632**, and the grayscale version is **68.0224, 71.5649, 77.9342**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **36.9172, 37.2194, 26.7110** is the 20% darker color. If you saturate the color by 10%, you get **64.7499, 64.5195, 42.1618**, and if you desaturate by 10%, it is **75.7270, 78.3085, 70.9931**.

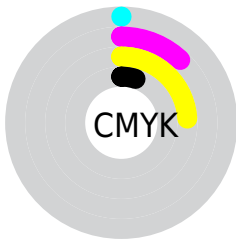
Distribution



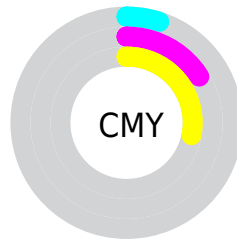
- Red (95%)
- Green (84%)
- Blue (72%)



- Red (93%)
- Yellow (95%)
- Blue (72%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (5%)



- Cyan (5%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9143, 71.1163, 55.3893 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 69.9143, 71.1163, 55.3893 by changing the saturation by 10% instead.


 69.9143, 71.1163,
55.3893

 69.9143, 71.1163,
55.3893


449.5201,
464.4599, 424.7094

 51.7360, 52.4371,
39.3128


 118.1135,
120.7993, 99.5880

 37.0181, 37.3536,
26.6934


148.8651,
152.5719, 128.5472

 25.3953, 25.4814,
17.1127


184.5385,
189.4778, 162.6378

 16.5021, 16.4361,
10.1521

225.4990,
231.9013, 202.2782

 9.9732, 9.8333,
5.3930

272.1121,
280.2269, 247.8871

 5.4433, 5.2885,
2.4169

324.7431,

 2.5471, 2.4175,

334.8389, 299.8828

0.7956

383.7573,
396.1218, 358.6841

■ 0.9191, 0.8349,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9143, 71.1163,
55.3893

■ 69.9143, 71.1163,
55.3893

■ 64.7499, 64.5195,
42.1618

■ 75.7270, 78.3085,
70.9931

■ 60.2016, 58.4909,
31.1871

■ 82.2072, 86.1029,
89.0796

■ 56.2425, 53.0154,
22.3370

■ 89.0726, 94.3954,
108.1332

■ 52.8412, 48.0731,
15.4684

■ 90.7723, 97.7947,
108.6998

■ 49.9629, 43.6426,
10.4205

■ 47.5674, 39.7001,
7.0066

■ 45.6069, 36.2182,
4.9990

■ 44.6423, 34.4148,
4.2898

Harmonies

Analogous

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



74.0624, 71.1163, 60.8155



69.9143, 71.1163, 55.3893



65.3213, 71.1163, 55.3919

Triad

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



69.9143, 71.1163, 55.3893



59.3811, 71.1163, 84.2047



74.0657, 71.1163, 96.8223

Complementary

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



69.9143, 71.1163, 55.3893



59.4877, 63.7465, 93.9632

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.



69.9186, 71.1163, 104.6615



69.9143, 71.1163, 55.3893



61.5135, 71.1163, 96.8326

Square

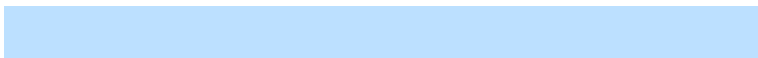
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9143, 71.1163, 55.3893



59.3801, 71.1163, 71.0469



65.3254, 71.1163, 104.6654



76.5323, 71.1163, 84.1920

Rectangle

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



69.9143, 71.1163, 55.3893



62.6297, 71.1163, 58.4306



65.3254, 71.1163, 104.6654



72.8138, 71.1163, 100.1656

Sweetspot

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



69.9162, 71.1195, 55.3908



89.6653, 93.6179, 93.5799



66.0522, 58.1161, 70.3665



19.0965, 19.9237, 19.7614



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.



69.9162, 71.1195, 55.3908



75.1556, 75.7383, 54.4008



77.3264, 86.4424, 57.9578



17.2199, 17.9239, 17.3496



24.6374, 19.1604, 2.3998



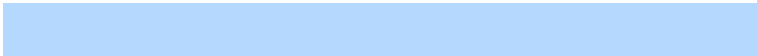
2.2683, 1.8898, 0.2452

Inverse Universe

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



59.4877, 63.7465, 93.9632



61.7091, 66.2325, 104.1395



53.3225, 51.0652, 91.8404



16.2297, 17.2237, 21.0117



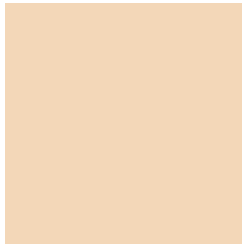
12.3954, 10.5846, 47.9278



1.1916, 1.1346, 4.2464

Previews

White Background



This preview shows how the XYZ color 69.9143, 71.1163, 55.3893 looks on a white background.

Color Contrast Check

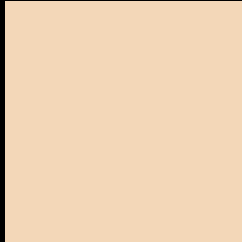
Large Text (above 18pt) WCAG AA × Fail

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 69.9143, 71.1163, 55.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

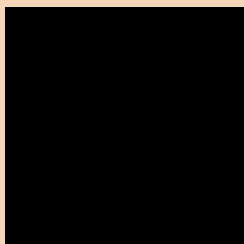
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9143, 71.1163, 55.3893

Background



This preview shows how black text looks on a background with the XYZ color 69.9143, 71.1163, 55.3893.



This preview shows how white text looks on a background with the XYZ color 69.9143, 71.1163,

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

69.9143, 71.1163, 55.3893

Protanopia

67.1494, 71.1971, 56.6576

Deuteranopia

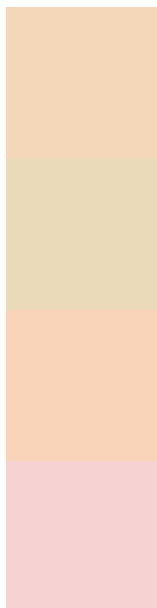
72.5592, 70.9740, 55.7740



Tritanopia

75.1025, 70.9936, 80.9790

Trichromacy



Original Color

69.9143, 71.1163, 55.3893

Protanomaly

68.0893, 71.3078, 56.0740

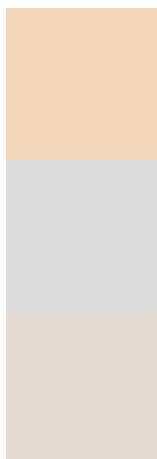
Deuteranomaly

71.3674, 70.7295, 55.7896

Tritanomaly

72.9332, 70.8345, 70.8012

Monochromacy



Original Color

69.9143, 71.1163, 55.3893

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.3288, 71.1418, 69.1619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9143, 71.1163, 55.3893 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(243, 215, 184)` looks like.

```
.text, #text, p{  
    color:rgb(243, 215, 184)  
}
```

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(243, 215, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 215, 184) }
```

Border

The CSS property to change the border of an element to XYZ 69.9143, 71.1163, 55.3893 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(243, 215, 184) }
```


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

```
.border{ border-color:rgb(243, 215, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 215, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 215, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 215, 184); box-shadow:4px 4px 4px 4px rgb(243, 215, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9143, 71.1163, 55.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 215, 184) }
```

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

```
.background{ background-color: rgb(243,  
215, 184) }
```

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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