

Converting Colors

XYZ(78.1083, 72.5483, 41.3844)

Have a look what the booklet for
XYZ(78.1083, 72.5483, 41.3844)
contains.

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Color

**XYZ(69.5536, 68.2859,
40.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCF9C
RGB	255, 207, 156
RGB Percent	100%, 81%, 61%
CMY	0.0000, 0.1882, 0.3882
CMYK	0.00, 0.19, 0.39, 0.00
HSL	31°, 100%, 81%
HSV	31°, 39%, 100%
XYZ	69.5536, 68.2859, 40.9671
YIQ	215.5380, 44.9790, -5.6850

Conversions

Conversions Part 2

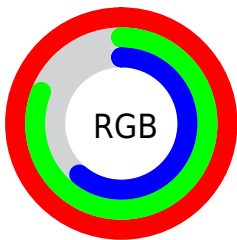
Format	Color
R _Y B	249, 255, 156
Decimal	16764828
CIE Lab	86.15, 10.27, 31.73
CIE LCh	86, 33.356, 72.062
Yxy	68.2859, 0.3890, 0.3819
Android (android.graphics.Color)	4294954908 (0xFFFFCF9C)
YUV	215.5380, -29.3522, 34.6082
Hunter-Lab	82.6353, 5.6306, 28.4512

Details

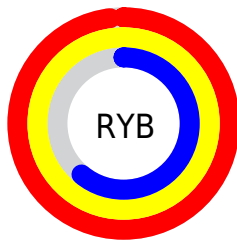
The XYZ color **69.5536, 68.2859, 40.9671** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3525, 57.4717, 102.8889**, and the grayscale version is **65.1292, 68.5210, 74.6194**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **36.9159, 35.6523, 18.0326** is the 20% darker color. If you saturate the color by 10%, you get **64.7385, 61.7561, 29.8042**, and if you desaturate by 10%, it is **75.0599, 75.4724, 54.5981**.

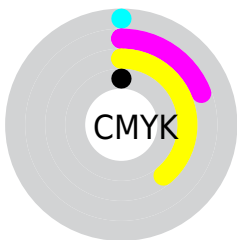
Distribution



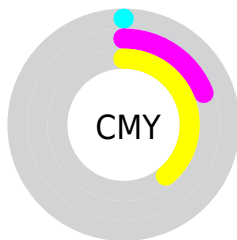
- Red (100%)
- Green (81%)
- Blue (61%)



- Red (98%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5536, 68.2859, 40.9671 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 69.5536, 68.2859, 40.9671 by changing the saturation by 10% instead.


 69.5536, 68.2859,
40.9671


 69.5536, 68.2859,
40.9671


448.2720,
454.5083, 365.8557

 51.4410, 50.1304,
27.9739


 117.6017,
116.7611, 77.8871

 36.7821, 35.5170,
18.0671


 148.2678,
147.8495, 102.6509

 25.2118, 24.0614,
10.8282

183.8492,
184.0176, 132.1753

 16.3645, 15.3792,
5.8387

224.7112,
225.6499, 166.8789

 9.8749, 9.0859,
2.6801

271.2191,
273.1307, 207.1802

 5.3777, 4.7973,
0.9334

323.7383,

 2.5076, 2.1288,

326.8445, 253.4977

0.0000

382.6341,
387.1755, 306.2500

■ 0.8991, 0.6808,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5536, 68.2859,
40.9671

■ 69.5536, 68.2859,
40.9671

■ 64.7385, 61.7561,
29.8042

■ 75.0599, 75.4724,
54.5981

■ 60.5756, 55.8514,
20.9528

■ 81.2836, 83.3269,
70.8323

■ 57.0293, 50.5512,
14.2449

■ 88.2556, 91.8721,
89.7998

■ 54.0574, 45.8294,
9.4871

95.0500, 100.0000,
108.9000

■ 51.6109, 41.6568,
6.4507

■ 49.6211, 37.9959,
4.8048

■ 49.4071, 37.5942,
4.6524

Harmonies

Analogous

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



76.4825, 68.2859, 49.4893



69.5536, 68.2859, 40.9671



61.8698, 68.2859, 40.2184

Triad

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



69.5536, 68.2859, 40.9671



51.5208, 68.2859, 83.5337



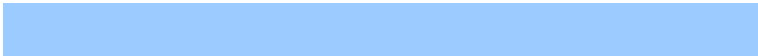
75.2958, 68.2859, 110.3322

Complementary

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



69.5536, 68.2859, 40.9671



53.3525, 57.4717, 102.8889

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.



68.0352, 68.2859, 123.7882



69.5536, 68.2859, 40.9671



54.5568, 68.2859, 106.3961

Square

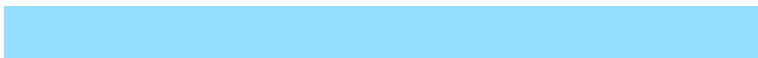
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5536, 68.2859, 40.9671



51.8571, 68.2859, 62.0849



60.4658, 68.2859, 122.2204



79.9733, 68.2859, 88.1365

Rectangle

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



69.5536, 68.2859, 40.9671



57.3841, 68.2859, 43.9889



60.4658, 68.2859, 122.2204



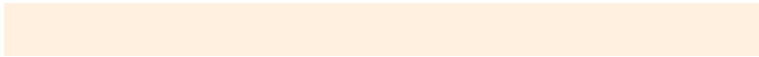
73.0531, 68.2859, 116.2073

Sweetspot

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



69.5553, 68.2891, 40.9685



85.9577, 89.0811, 83.4697



64.2088, 49.4696, 64.2396



18.2011, 18.8258, 17.3266



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.



69.5553, 68.2891, 40.9685



65.5667, 62.8995, 31.6622



83.0009, 95.1804, 45.4504



18.7834, 19.5350, 18.9250



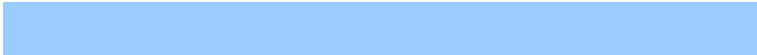
25.9665, 19.9443, 2.4810



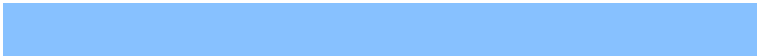
2.6377, 2.1607, 0.2780

Inverse Universe

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



53.3525, 57.4717, 102.8889



47.1917, 50.6350, 101.8940



43.6494, 38.0657, 99.6546



17.7298, 18.8313, 22.9503



13.3210, 11.5517, 50.9622



1.4058, 1.3424, 4.9983

Previews

White Background



This preview shows how the XYZ color 69.5536, 68.2859, 40.9671 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 69.5536, 68.2859, 40.9671 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 69.5536, 68.2859, 40.9671

Background



This preview shows how black text looks on a background with the XYZ color 69.5536, 68.2859, 40.9671.



This preview shows how white text looks on a background with the XYZ color 69.5536, 68.2859,

40.9671.

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

69.5536, 68.2859, 40.9671

Protanopia

63.8560, 68.6387, 43.1407

Deuteranopia

69.7244, 68.3543, 41.8666



Tritanopia

74.6263, 68.4074, 73.5607

Trichromacy



Original Color

69.5536, 68.2859, 40.9671

Protanomaly

65.9874, 68.6170, 42.5674

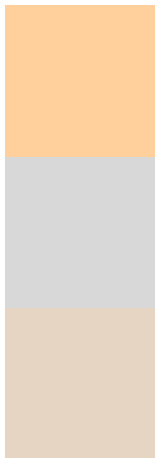
Deuteranomaly

69.6386, 68.3200, 41.4150

Tritanomaly

72.5705, 68.3408, 60.4051

Monochromacy



Original Color

69.5536, 68.2859, 40.9671

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.1650, 68.3065, 60.7361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5536, 68.2859, 40.9671 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, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 156)  
}
```

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, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 156) }
```

Border

The CSS property to change the border of an element to XYZ 69.5536, 68.2859, 40.9671 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, 207, 156) }
```


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

```
.border{ border-color:rgb(255, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5536, 68.2859, 40.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 156) }
```

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

```
.background{ background-color: rgb(255,  
207, 156) }
```

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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